`officecolours.sty` Package

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1 Introduction

This package defines a set of colour schemes which resemble many of those provided by the Microsoft Office suite of software. Each scheme defines 10 base colours, as well as 5 variations of each. These are then used by some of other packages within the QoLaTeX family of packages. The colours defined by each scheme are as follows, with a short description of their general usage in the QoLaTeX family of packages.

`ForegroundColour`	The default text colour for all non-paragraph text (i.e., in diagrams, box titles and similar).
`BackgroundColour`	The default background or page colour for all non-paragraph text (i.e., in diagrams, box titles and similar).
`Accent1`	The primary accent colour
`Accent2`	The secondary accent colour. Also used for hyperlinks in the ___ package by default.
`Accent3`	Further accent colours.
`Accent4`	Further accent colours.
`Accent5`	Further accent colours.
`Accent6`	Further accent colours.
`Hyperlink`	An alternative colour for external links. This is not always provided uniquely for all schemes; for schemes without a unique `Hyperlink` colour, a blue colour is used as default.
`FollowedHyperlink`	An alternative colour for external links. In MS Office, this would be used for links which have already been clicked. This is not always provided uniquely for all schemes; for schemes without a unique `Hyperlink` colour, a dark blue colour is used as default.

Each colour then has 5 variants, indicated by a "_1" to "_5" suffix. **These do not match those defined in Microsoft Office.** Microsof Office derives each colour variant from the base colour by applying a multiplication factor to the lightness of the colour when expressed in the HSL (hue, saturation, lightness) colour model. The `xcolor` package, upon which this package is built, does not currently support the HSL colour model. It does support the HSB (hue, saturation, brightness, also called HSV; hue, saturation, value) colour model, which is related but defined slightly differently. Changing only the lightness in the HSL model is equivalent to changing both the brightness and the saturation in the HSB model. This means that only using the simple colour transformations allowed in the HSB model (or rgb models) supported by `xcolor` is not sufficient to accurately replicate the MS Office themes. It would be possible to transform the colours separately from the `xcolor` package, or to define the full theme outright rather than deriving the variants from the base colour. However, the purpose of this package is to define colours schemes as easily and simply as possible, so for now the schemes will not be completely accurate to MS Office themes.

Considering this, these variations are defined as follows.

`[name]_1`	50% base colour, 50% black.

`[name]_2`	75% base colour, 25% black.
`[name]_3`	60% base colour, 40% white.
`[name]_4`	40% base colour, 60% white.
`[name]_5`	20% base colour, 80% white.

The exception to this is the `BackgroundColour`, which has variants defined as follows in the light variant of the colour scheme (for the dark variant, simply replace "black" with "white").

`BackgroundColour_1`	90% base colour, 10% black.
`BackgroundColour_2`	75% base colour, 25% black.
`BackgroundColour_3`	50% base colour, 50% black.
`BackgroundColour_4`	25% base colour, 75% black.
`BackgroundColour_5`	10% base colour, 90% black.

Each scheme then has two variants: light, and dark. For now, the dark variant simply switches the `ForegroundColour` and `BackgroundColour`, though this may change in the future.

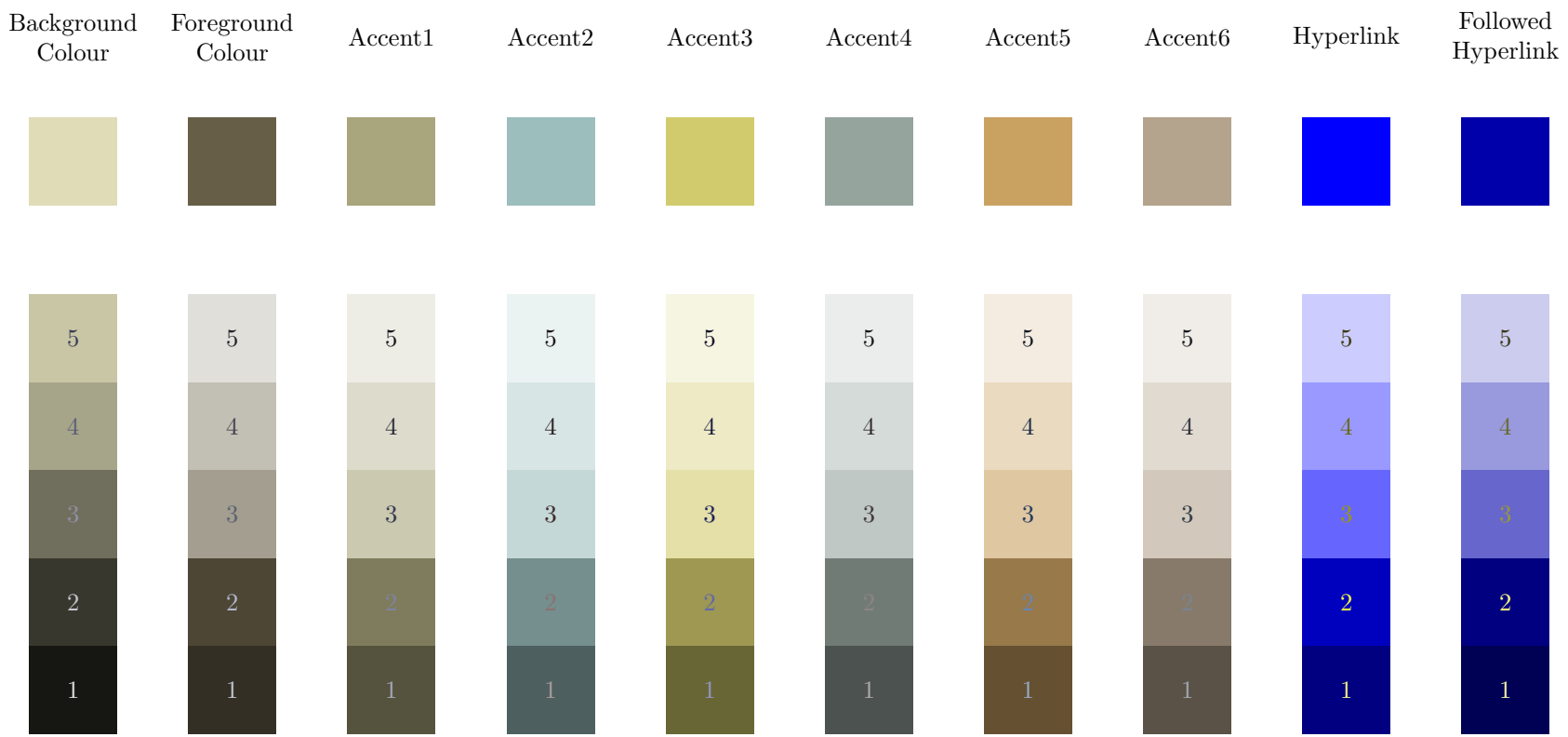
2 Useage

The package can be loaded with `\usepackage{officecolours}`. By default, this will load the `light` variant of the `twilight` scheme. To load a different scheme, one can use the keyword `scheme`. For the light and dark variants, two flags are provided; `light` and `dark`. So, to load the scheme which closely resembles the MS Office theme *aspect* in its dark variant, one can use `\usepackage[scheme = aspect, dark]{officecolours}`. The flags `light` and `dark` can also take boolean values, so one can also use `light = false` or similar.

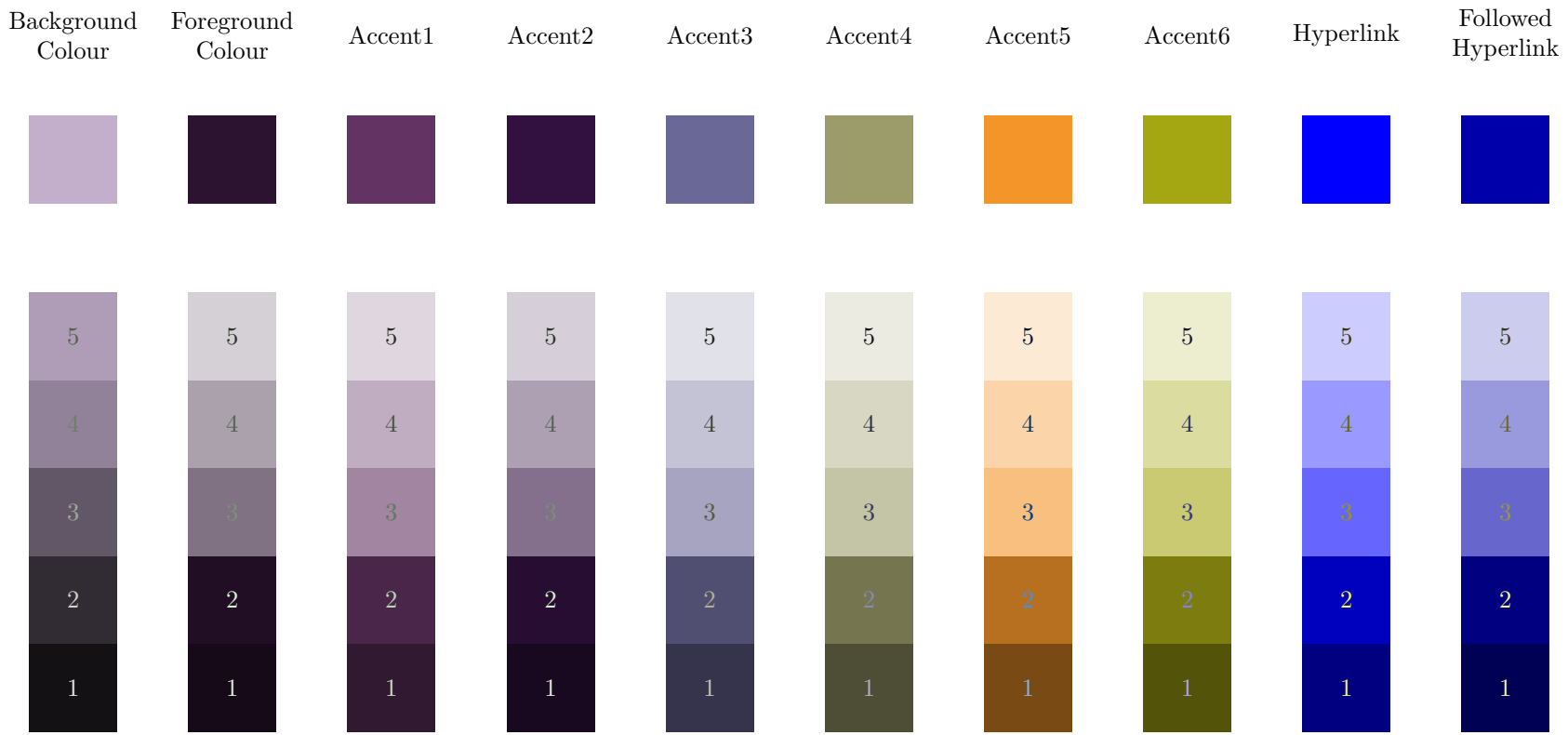
In addition, the scheme can be changed part way through a document using the command `\UseColourScheme`, which takes one required argument; the name of the new scheme. For example, the scheme can be changed to resemble the MS Office theme *Black Tie* using `\UseColourScheme{black_tie}`.

3 Colour Schemes

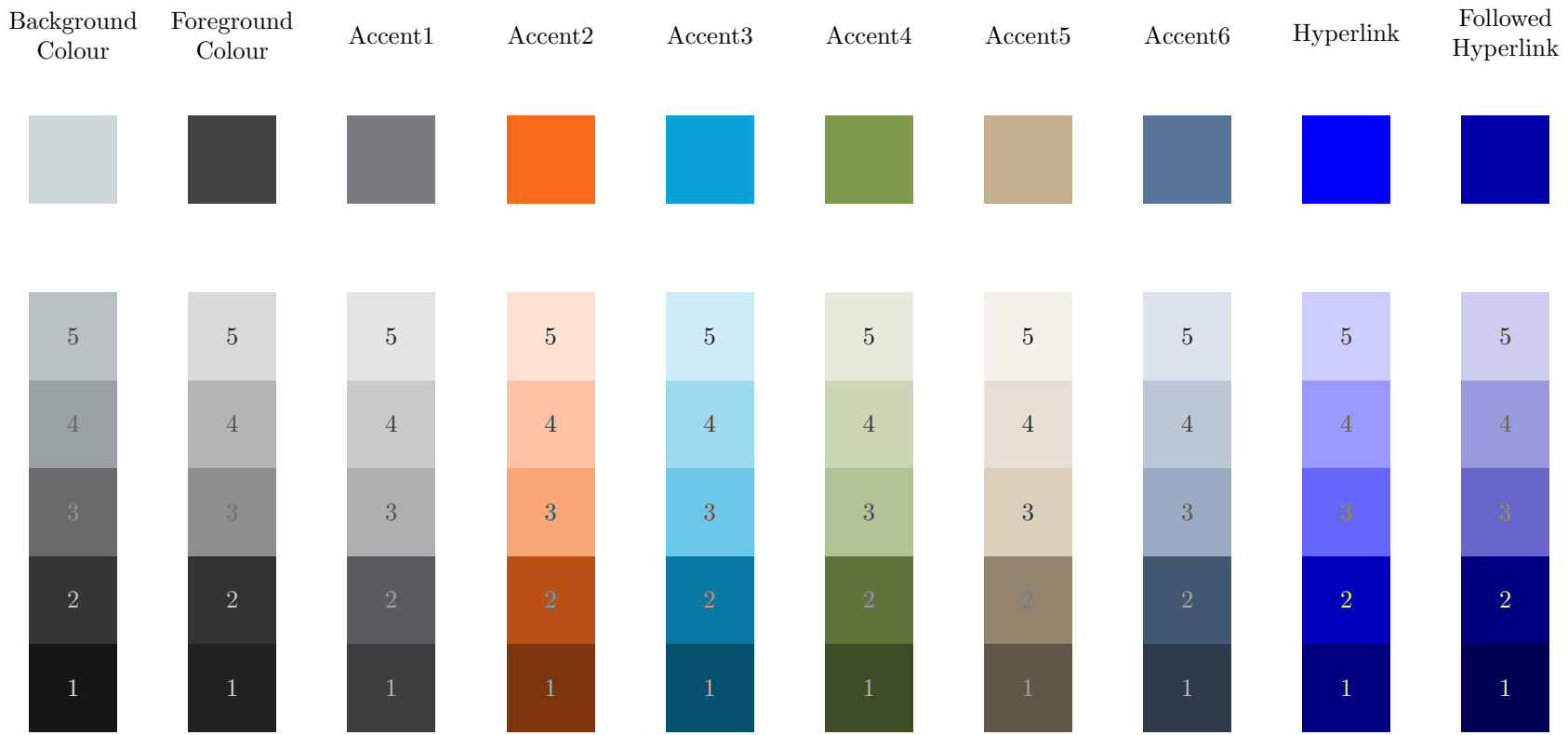
3.1 adjacency



3.2 advantage



3.3 angeles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Accent3
Accent4
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Hyperlink
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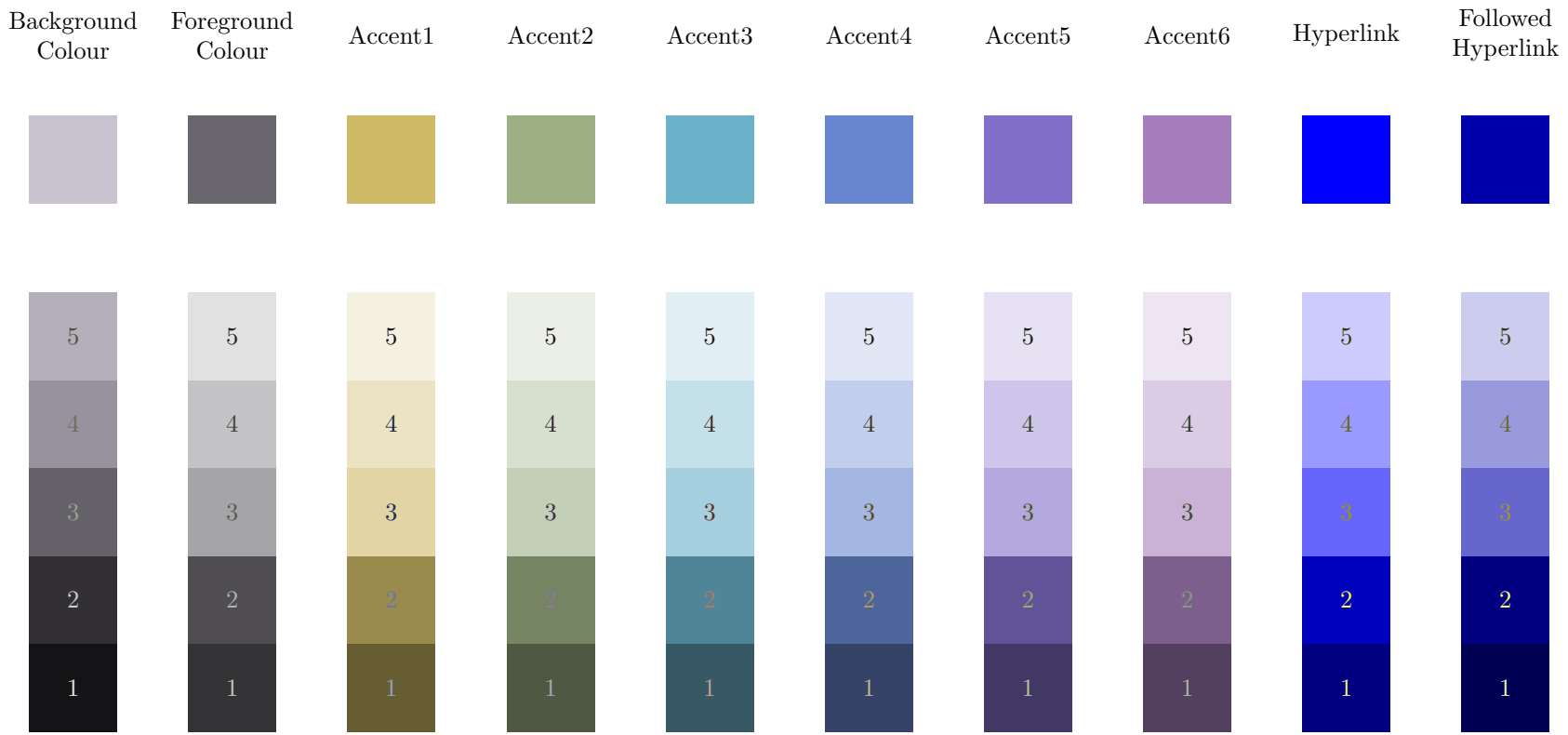
3.4 apex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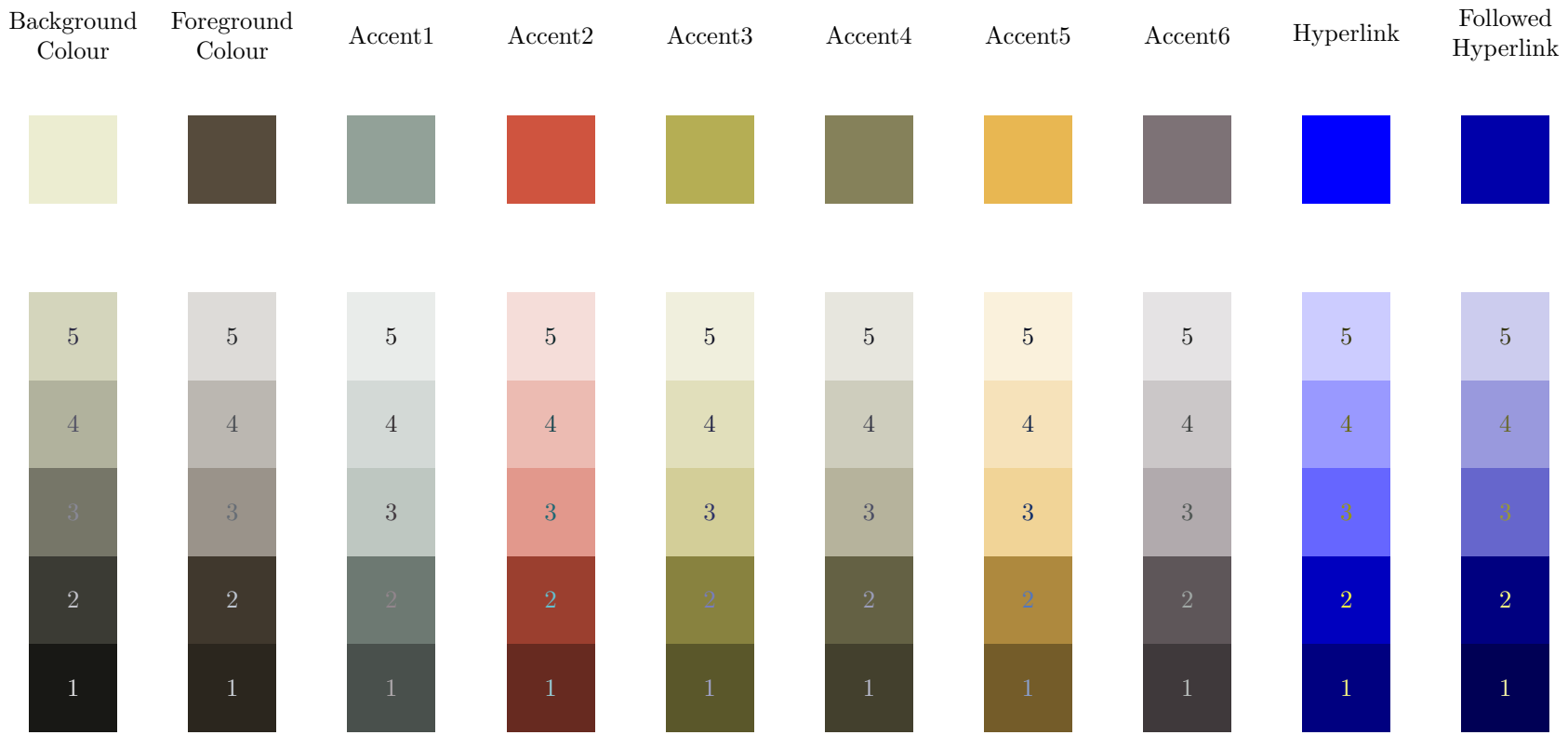
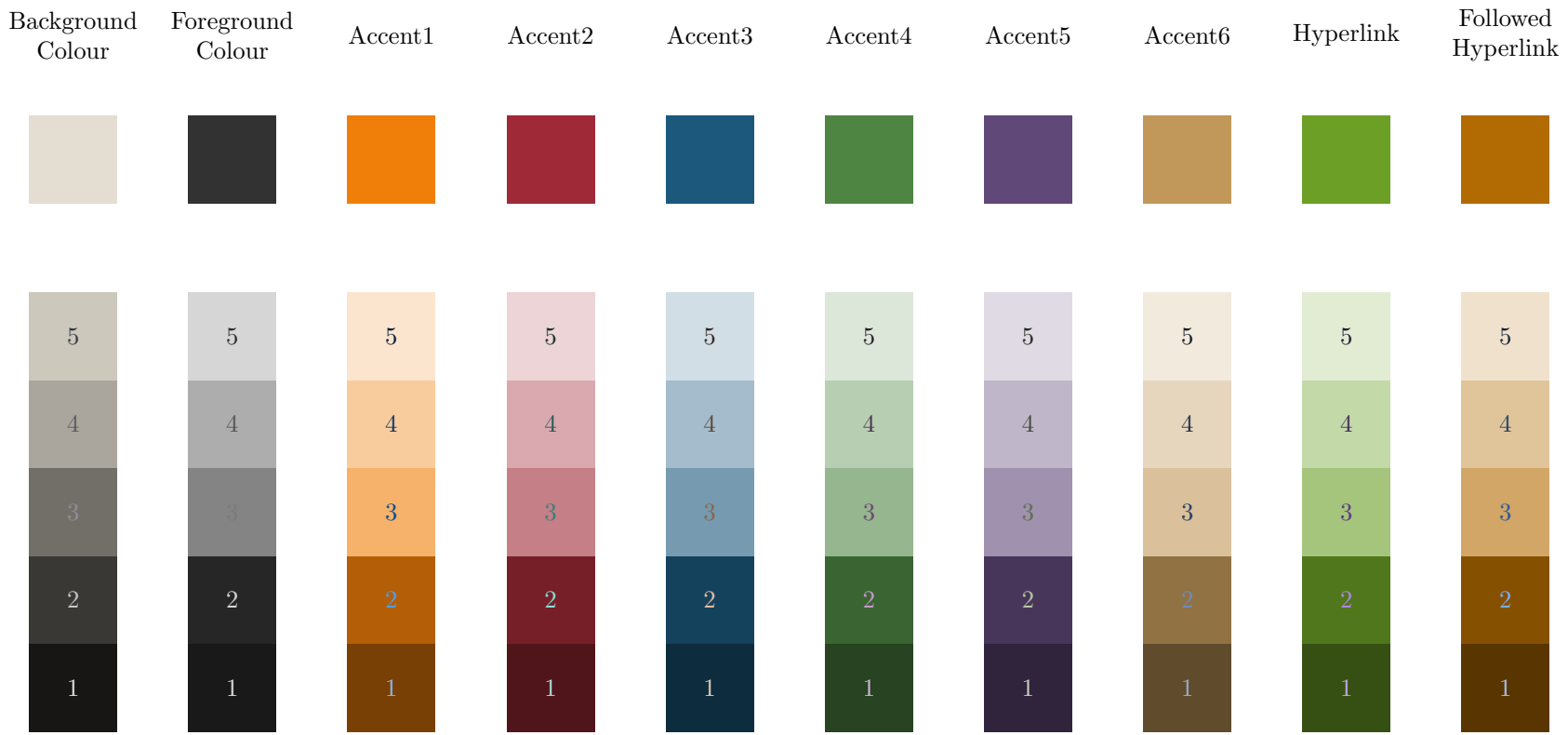
3.5 apothecary



3.6 aspect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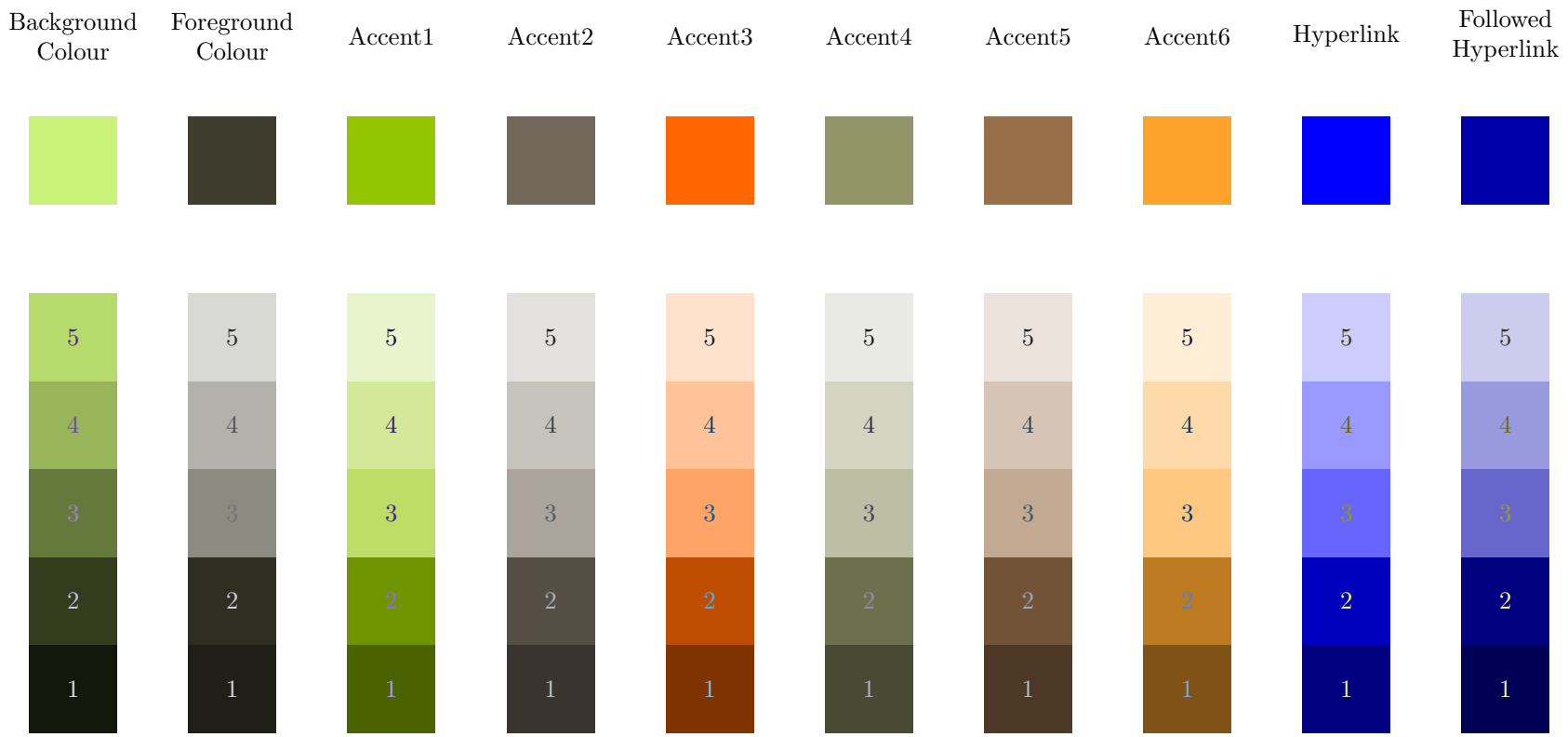
3.7 austin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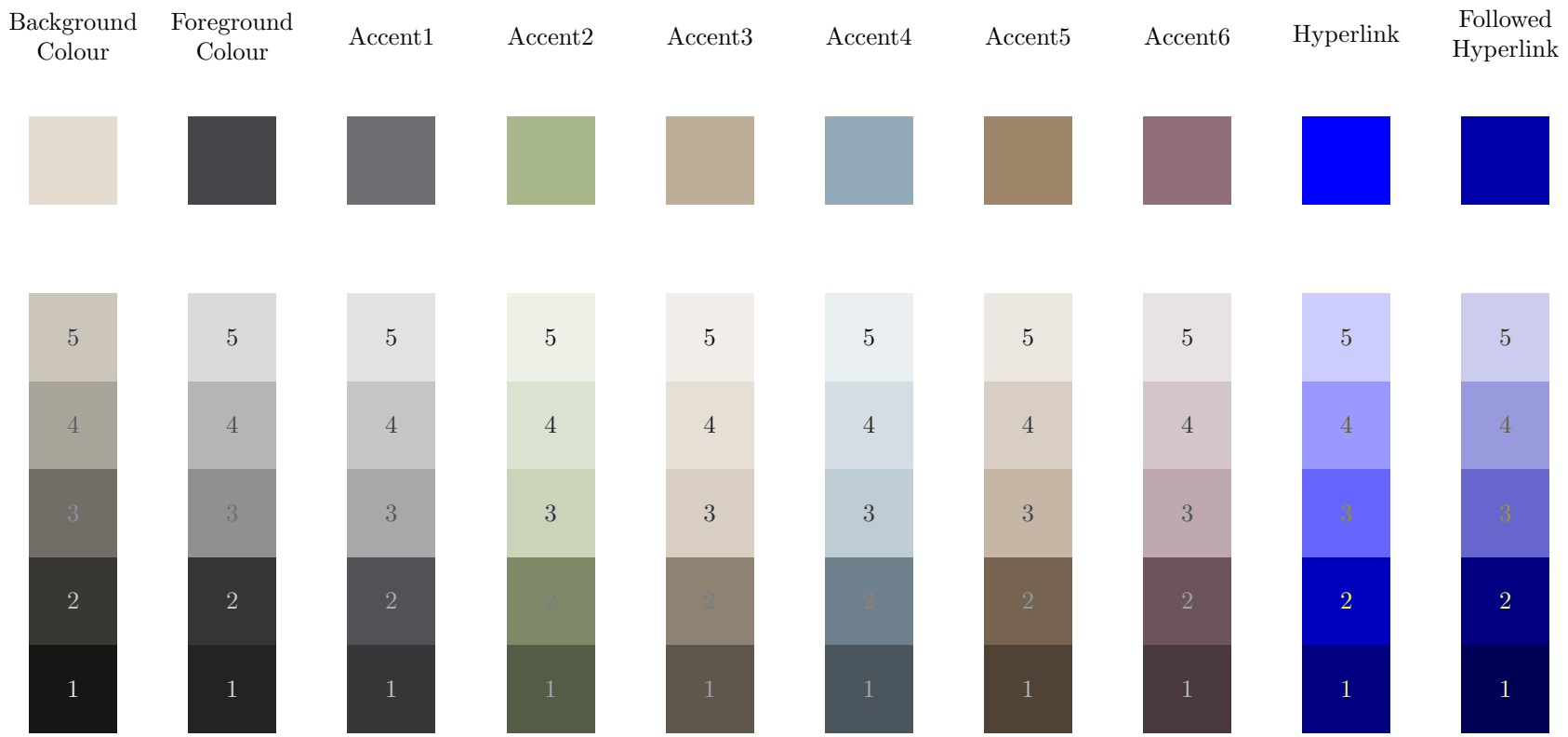
3.8 black_tie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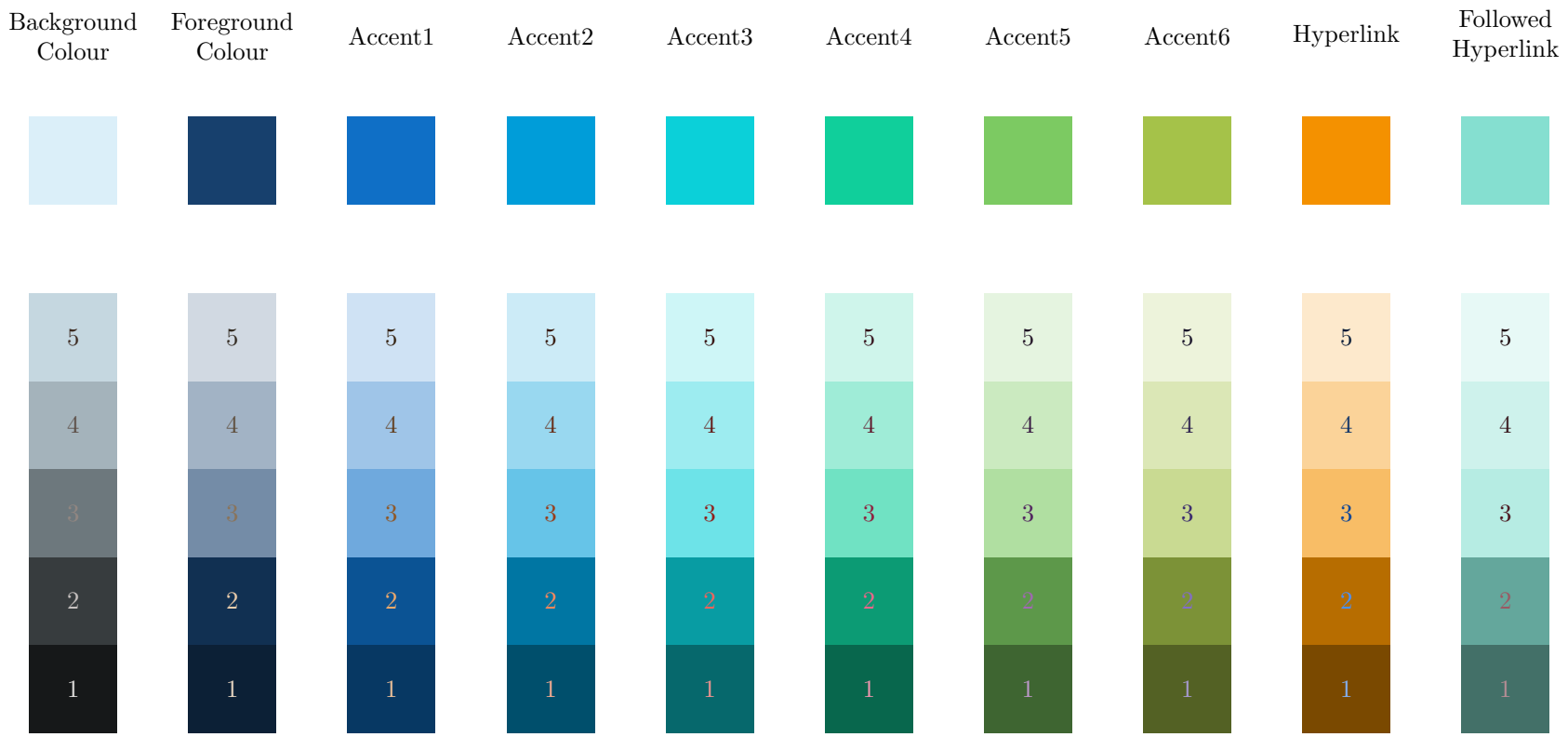
3.9 `blue`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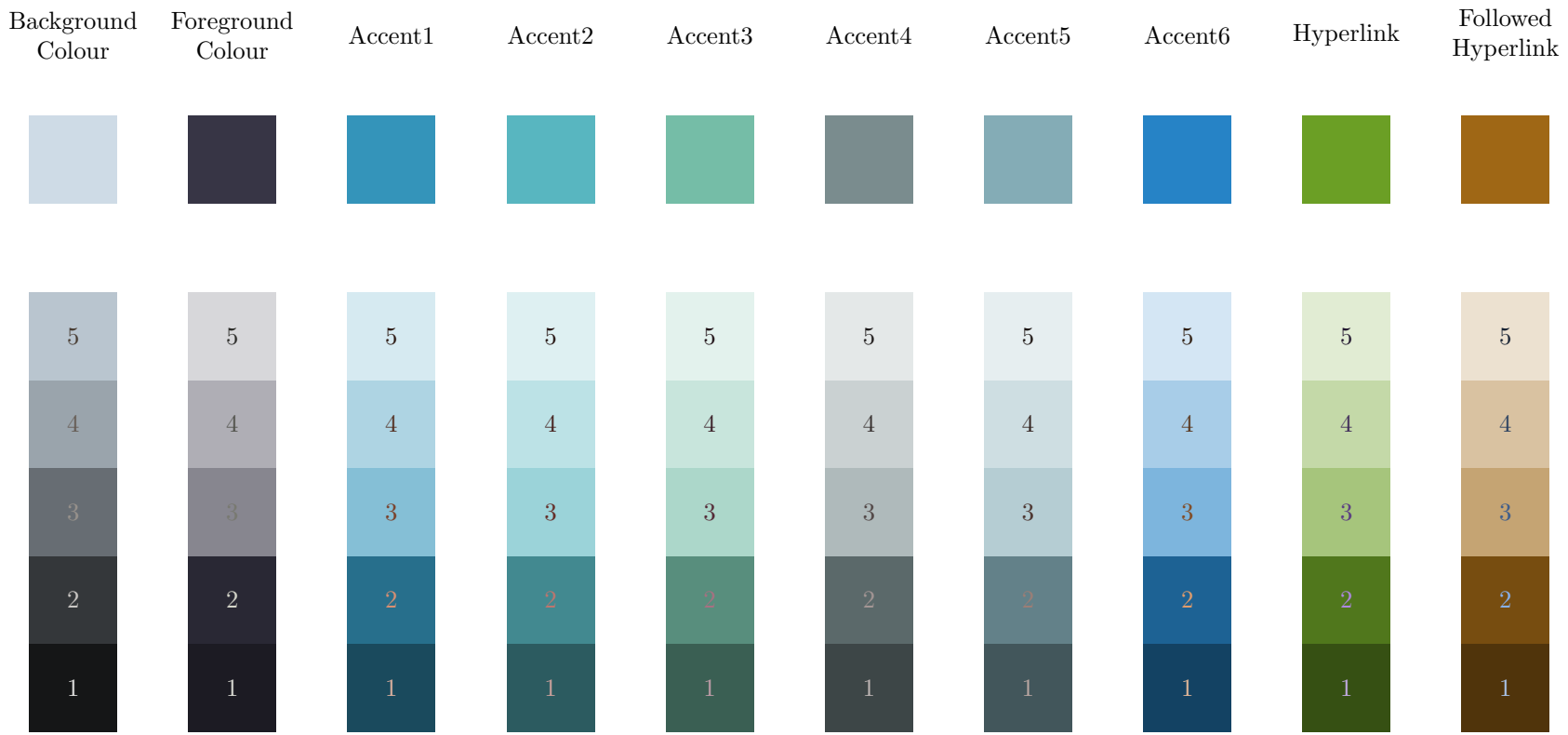
3.10 blue_green



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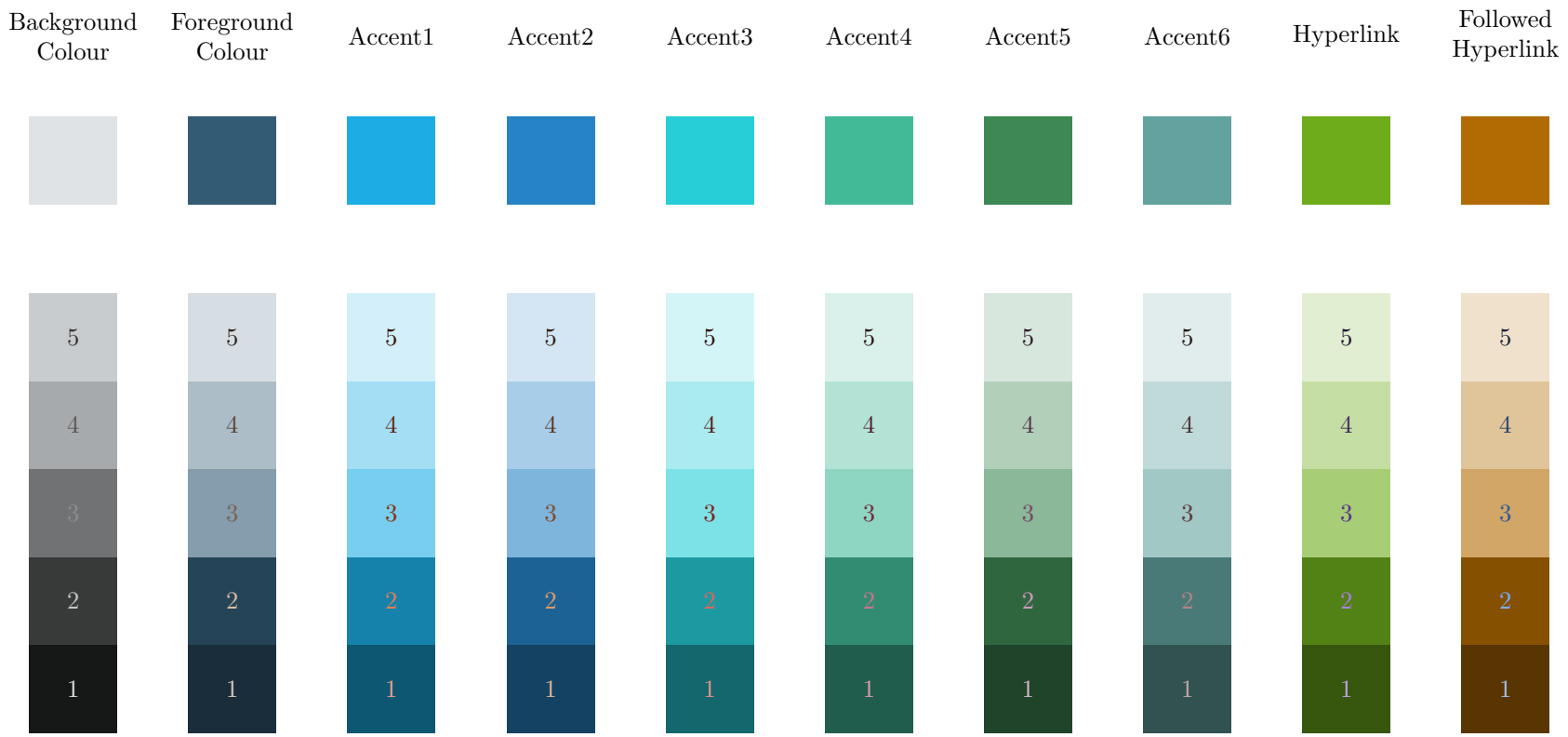
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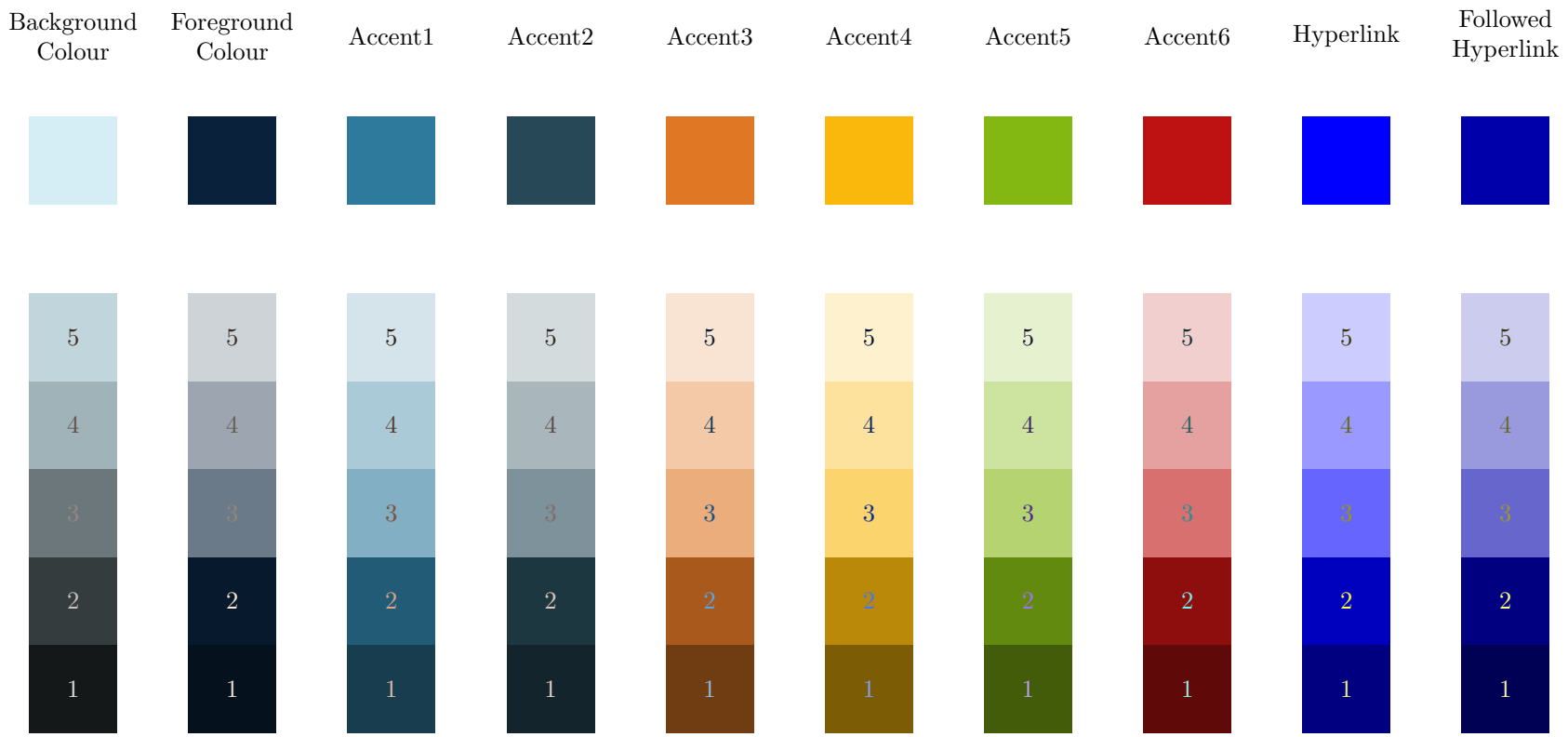
3.12 `blue_warm`

3.13 breeze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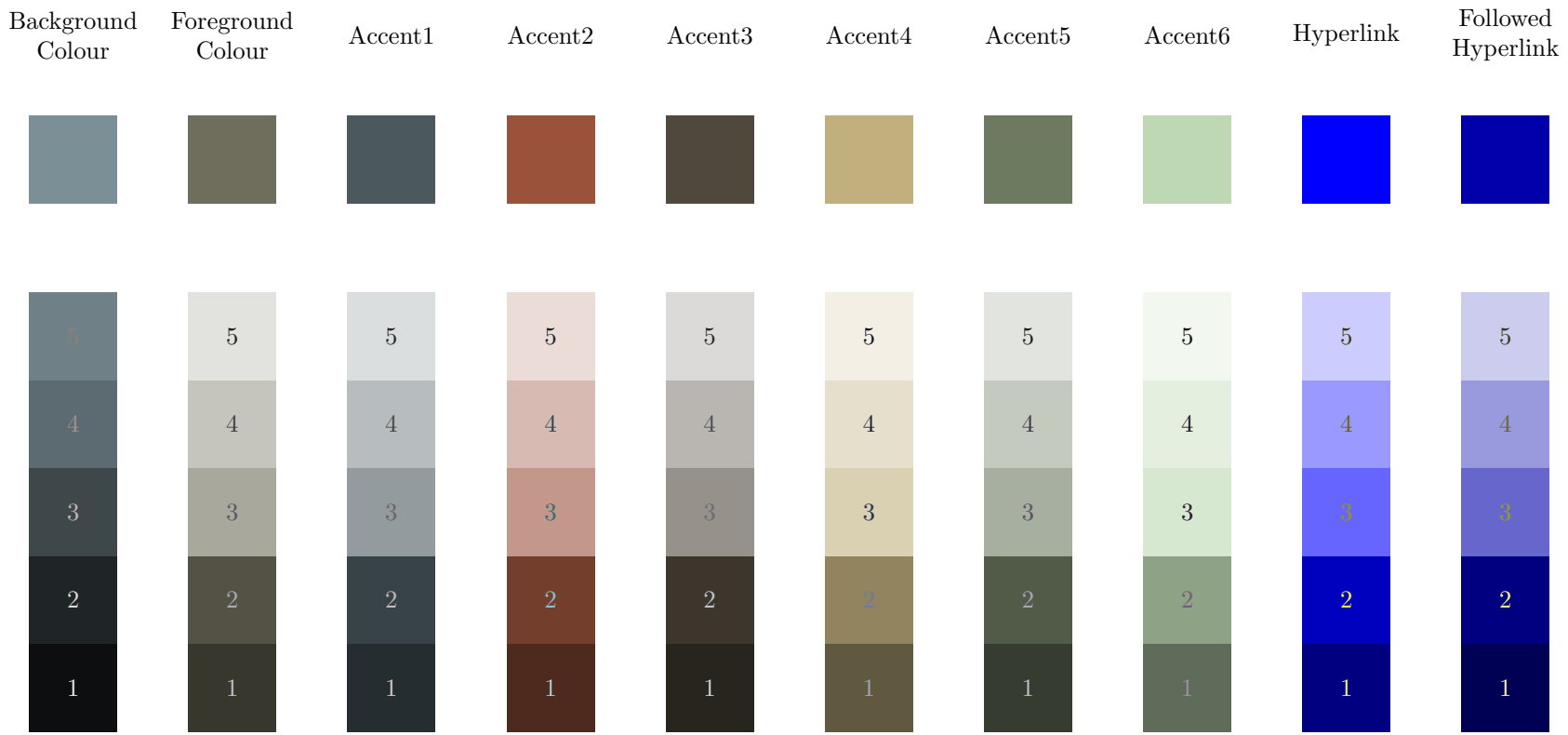
3.14 capital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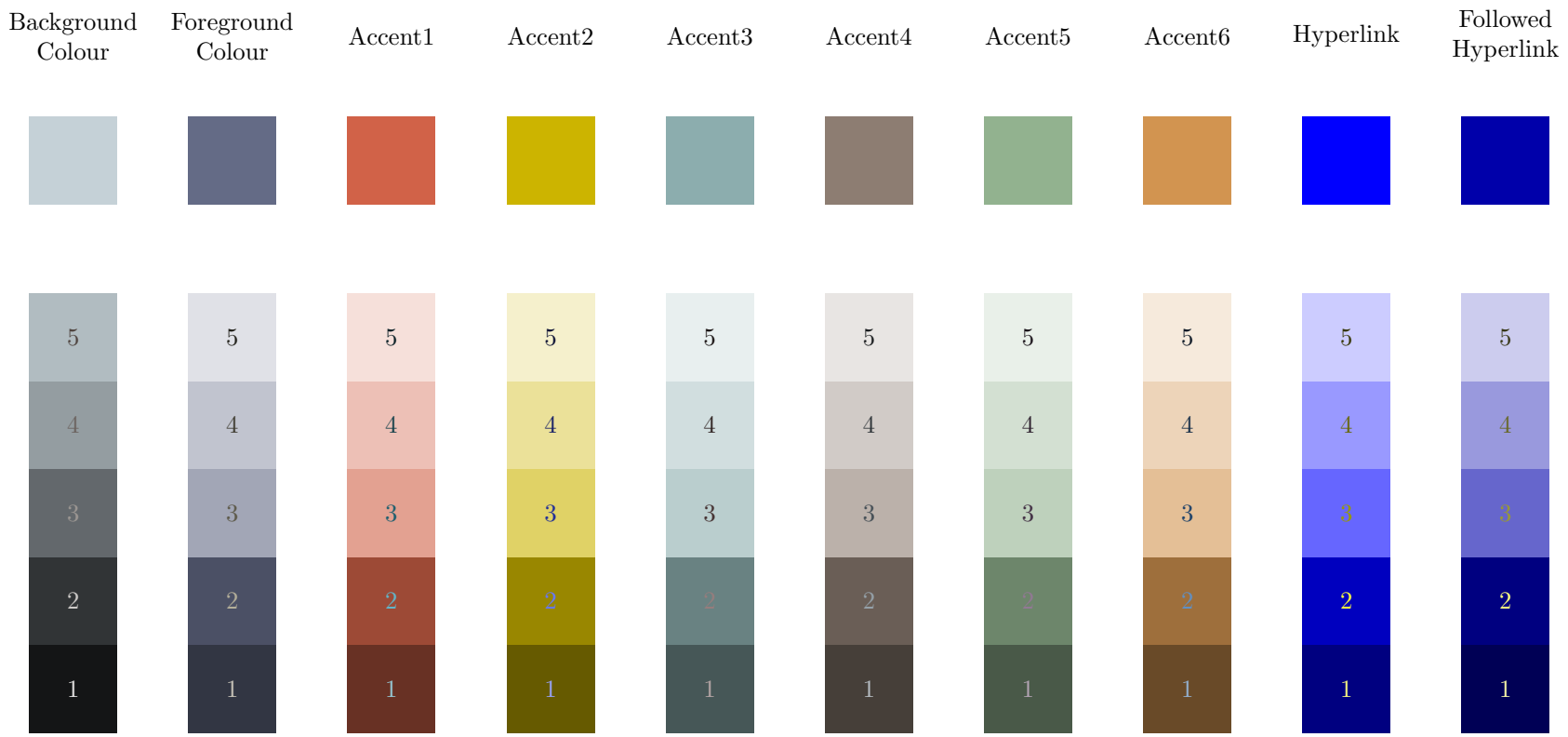
3.15 civic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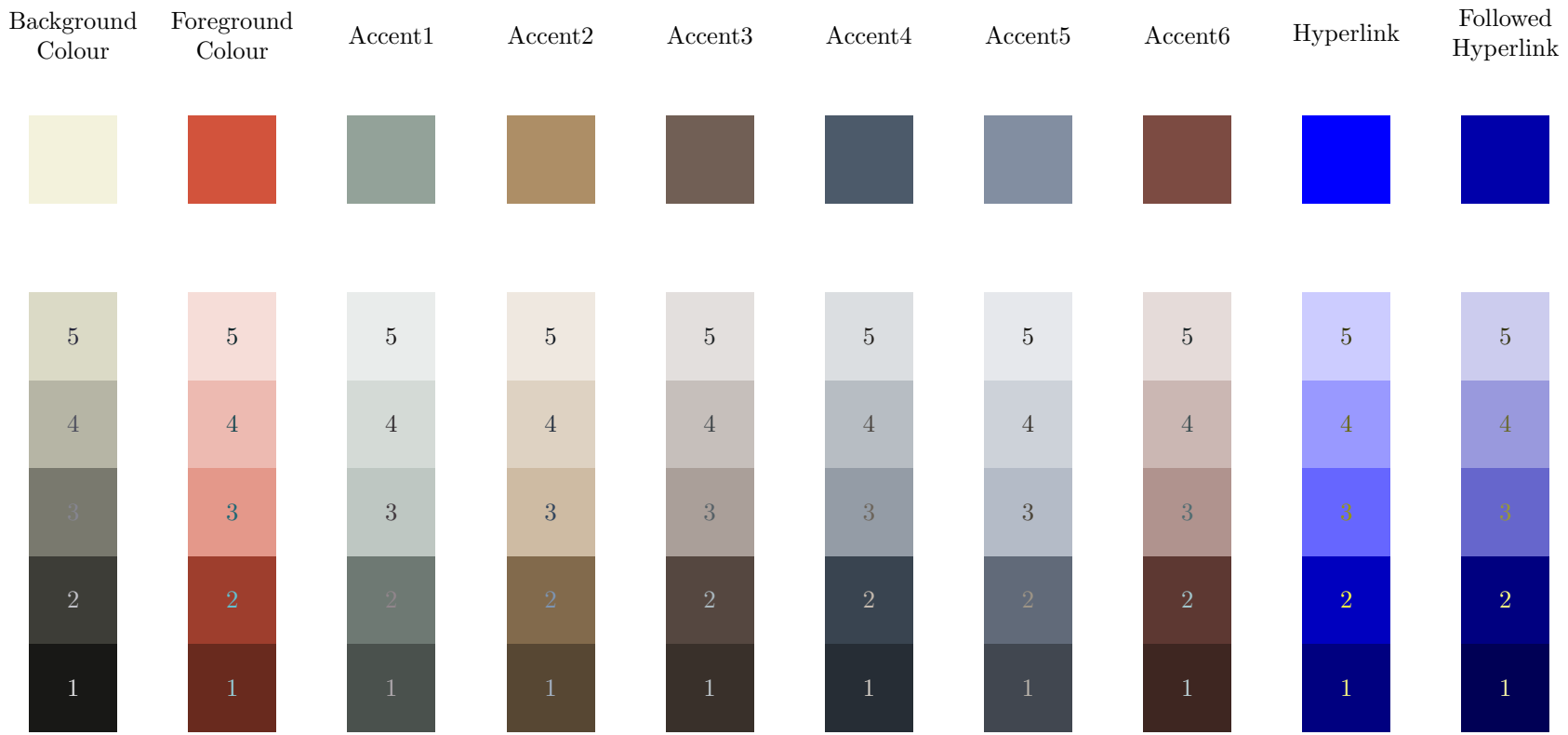
3.16 clarity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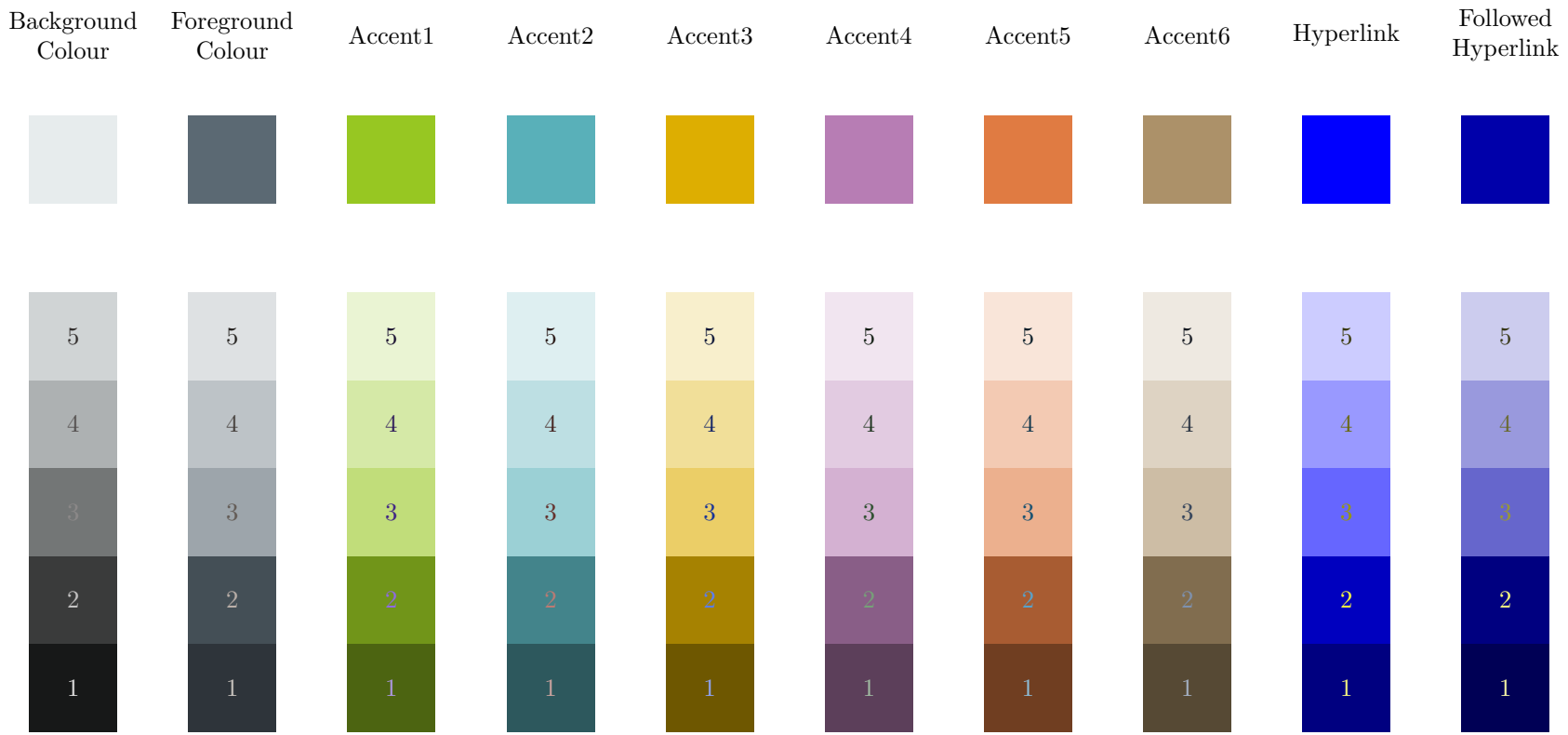
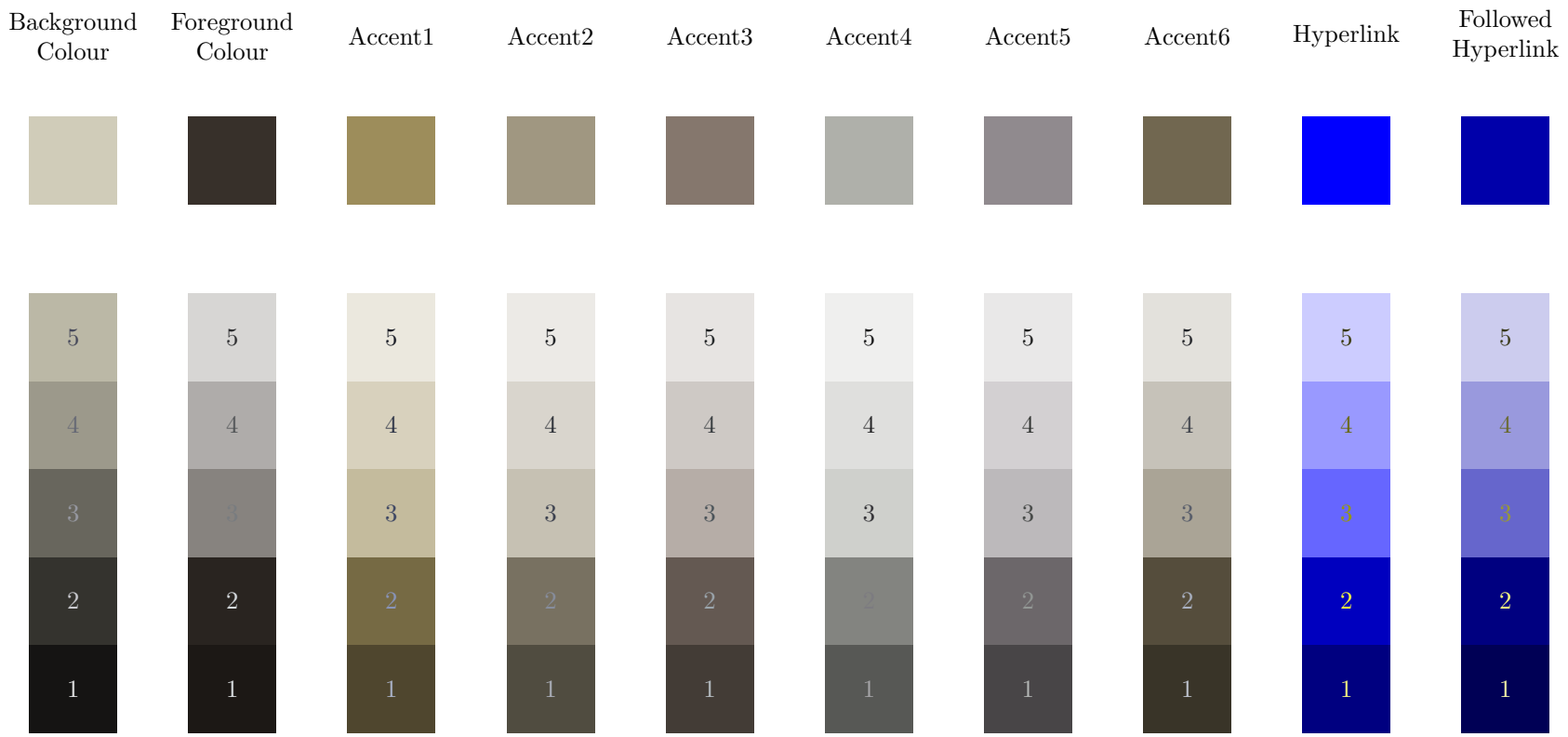
3.17 composite



3.18 concourse

3.19 couture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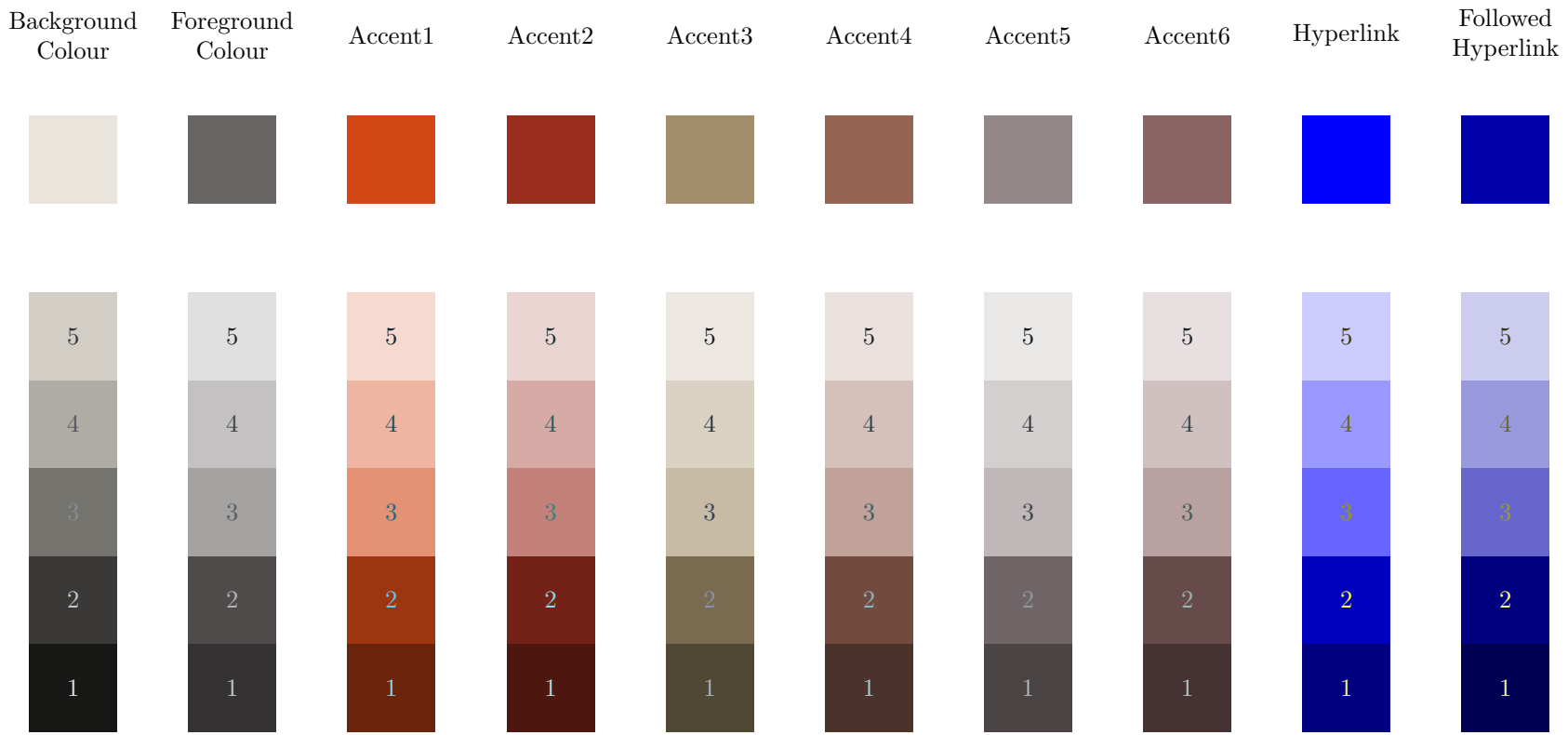
3.20 elemental

3.21 equity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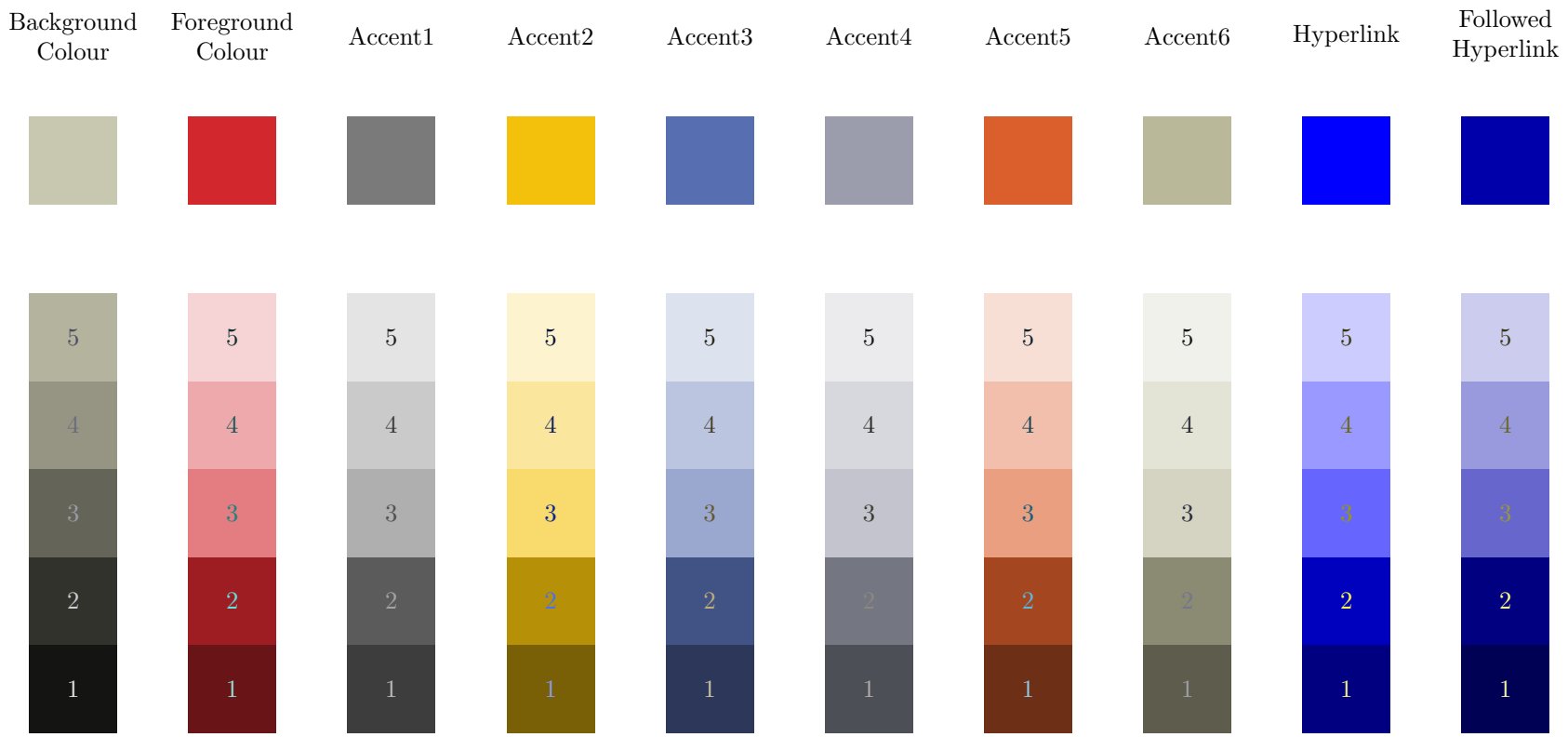
3.22 essential



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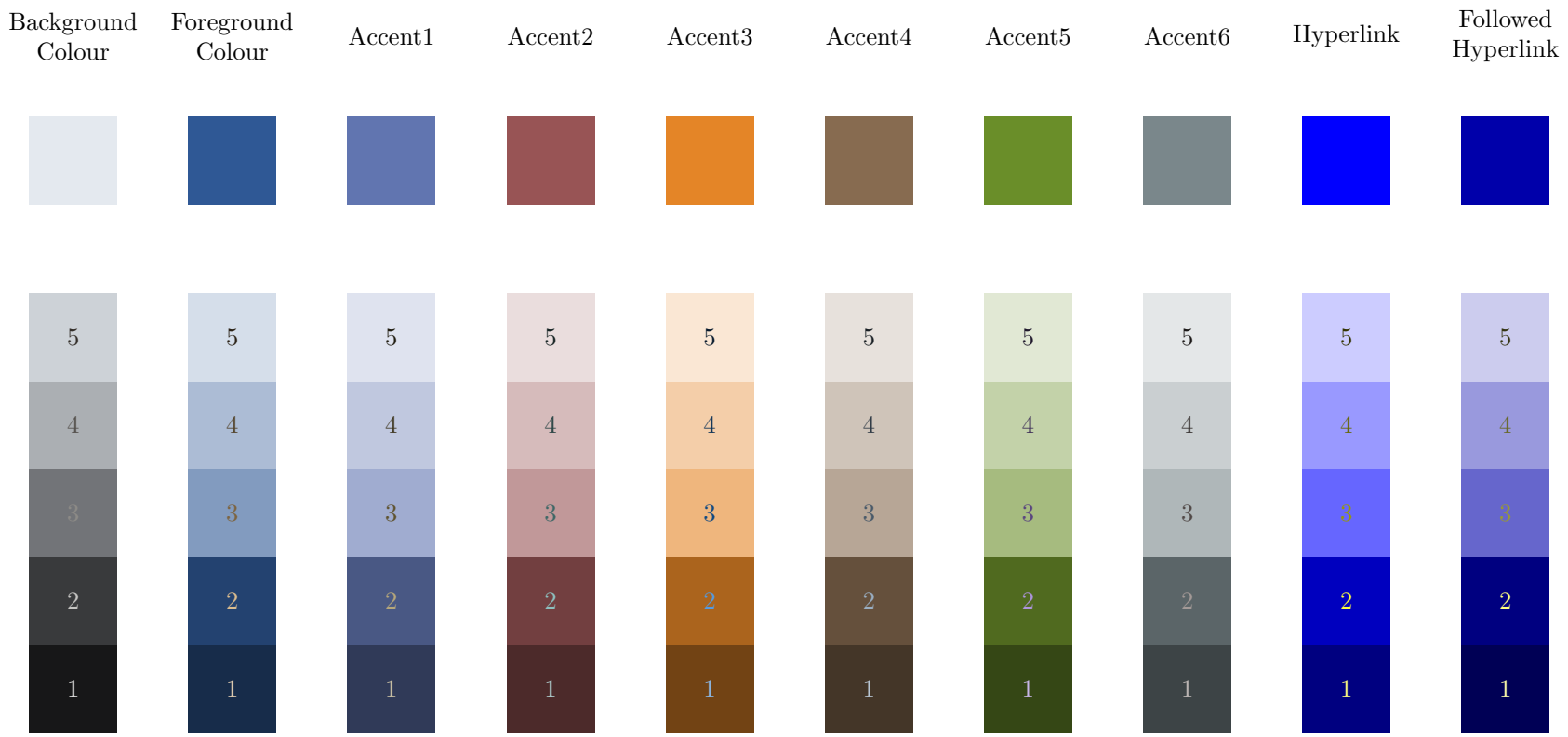
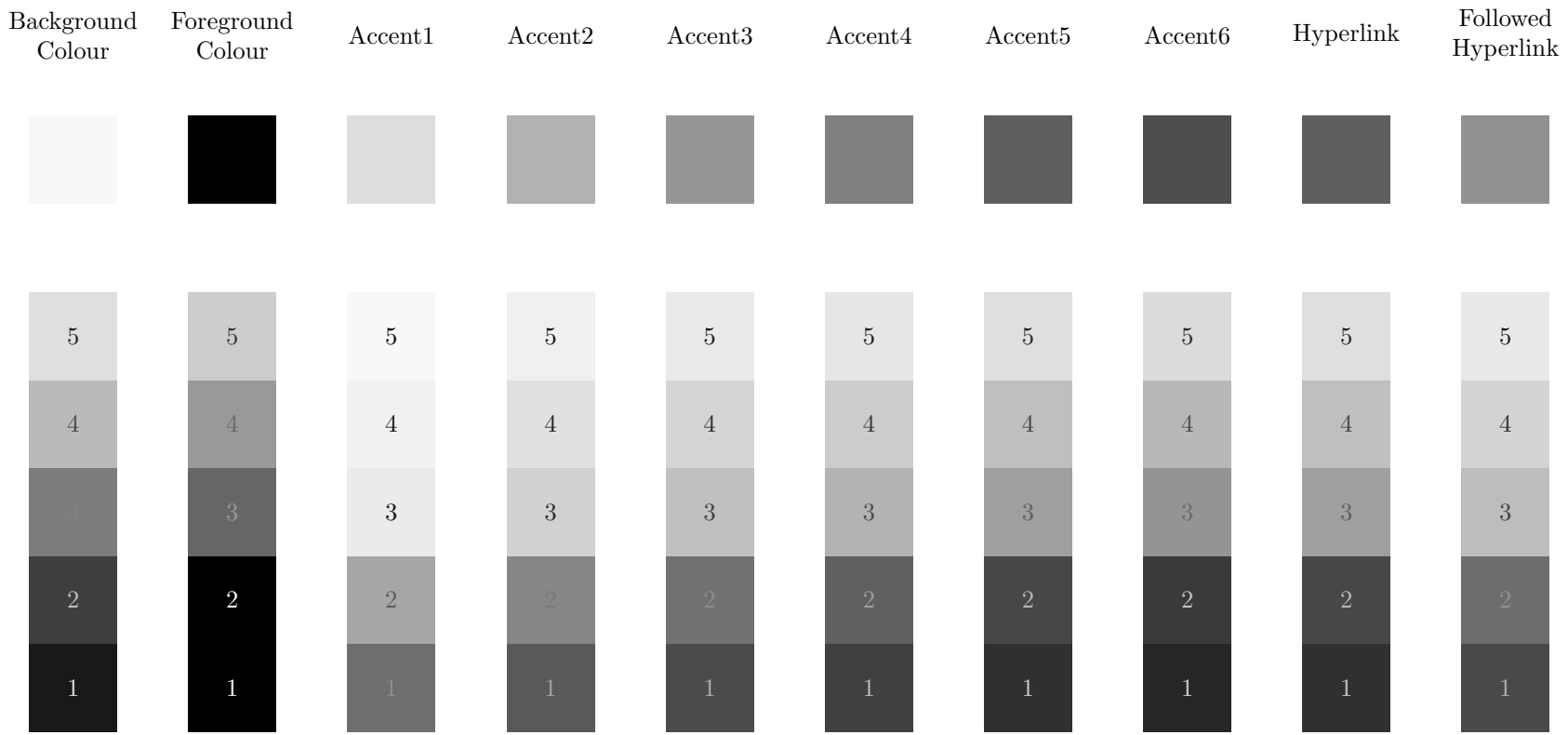
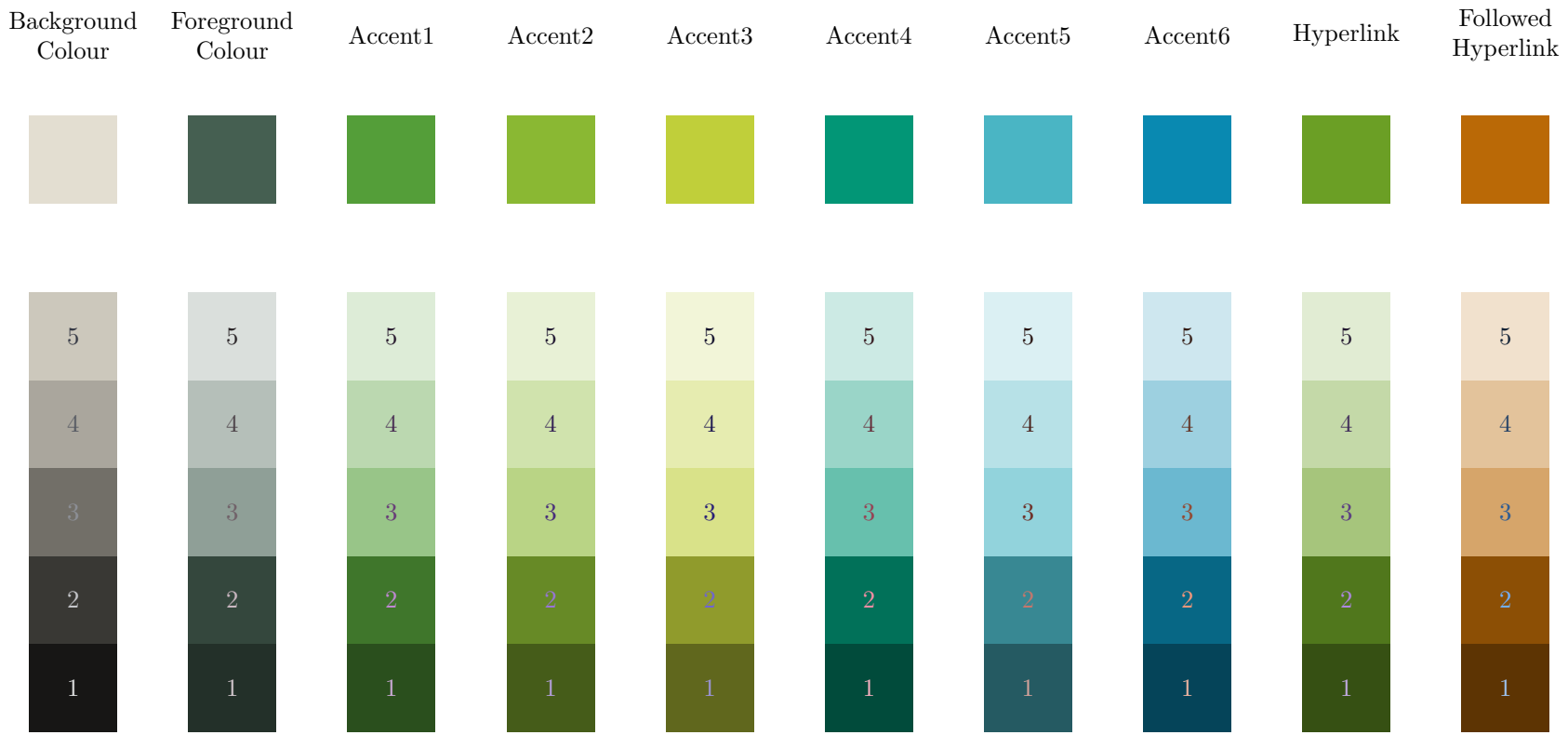


3.24 grayscale



3.25 `green`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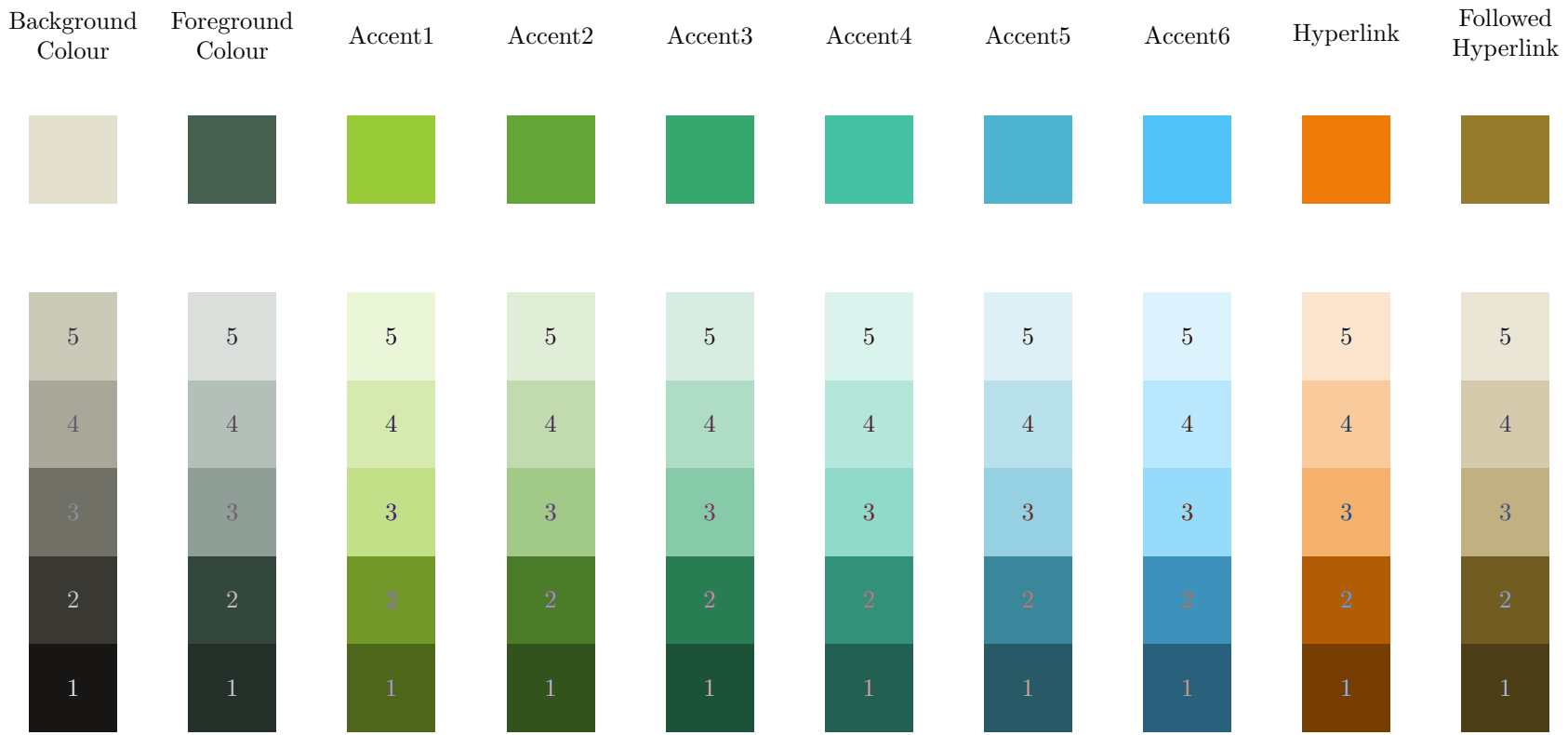
3.26 green_yellow



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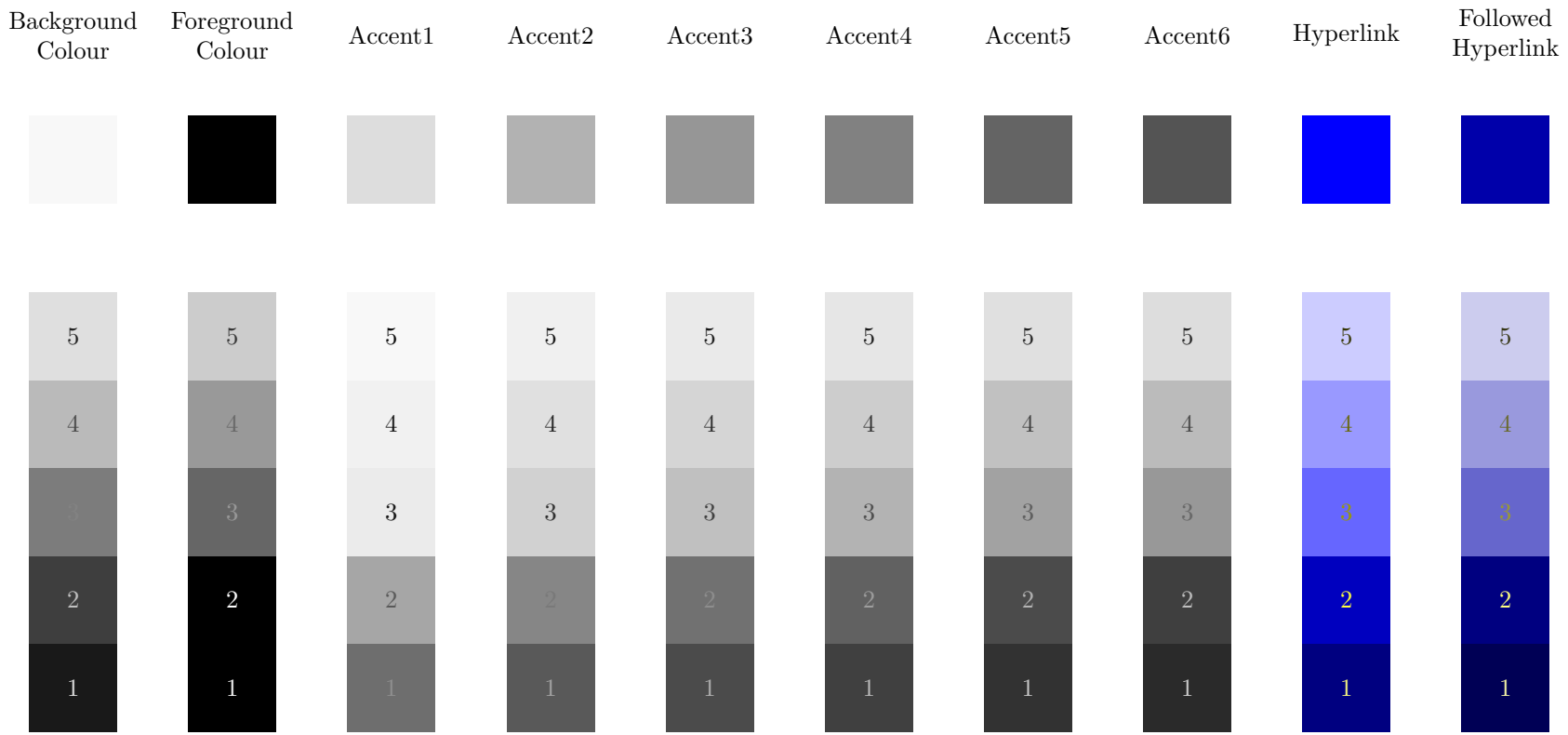

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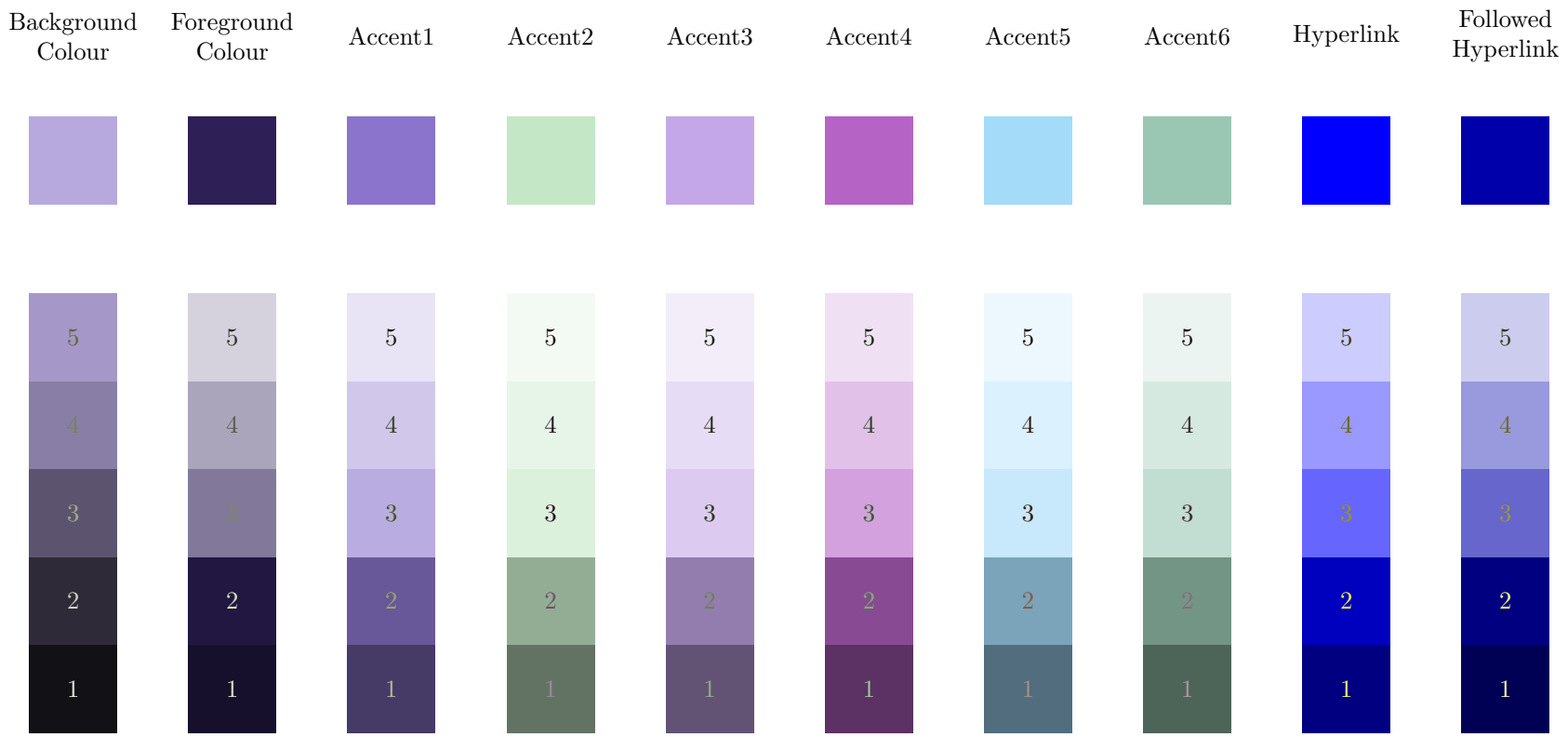

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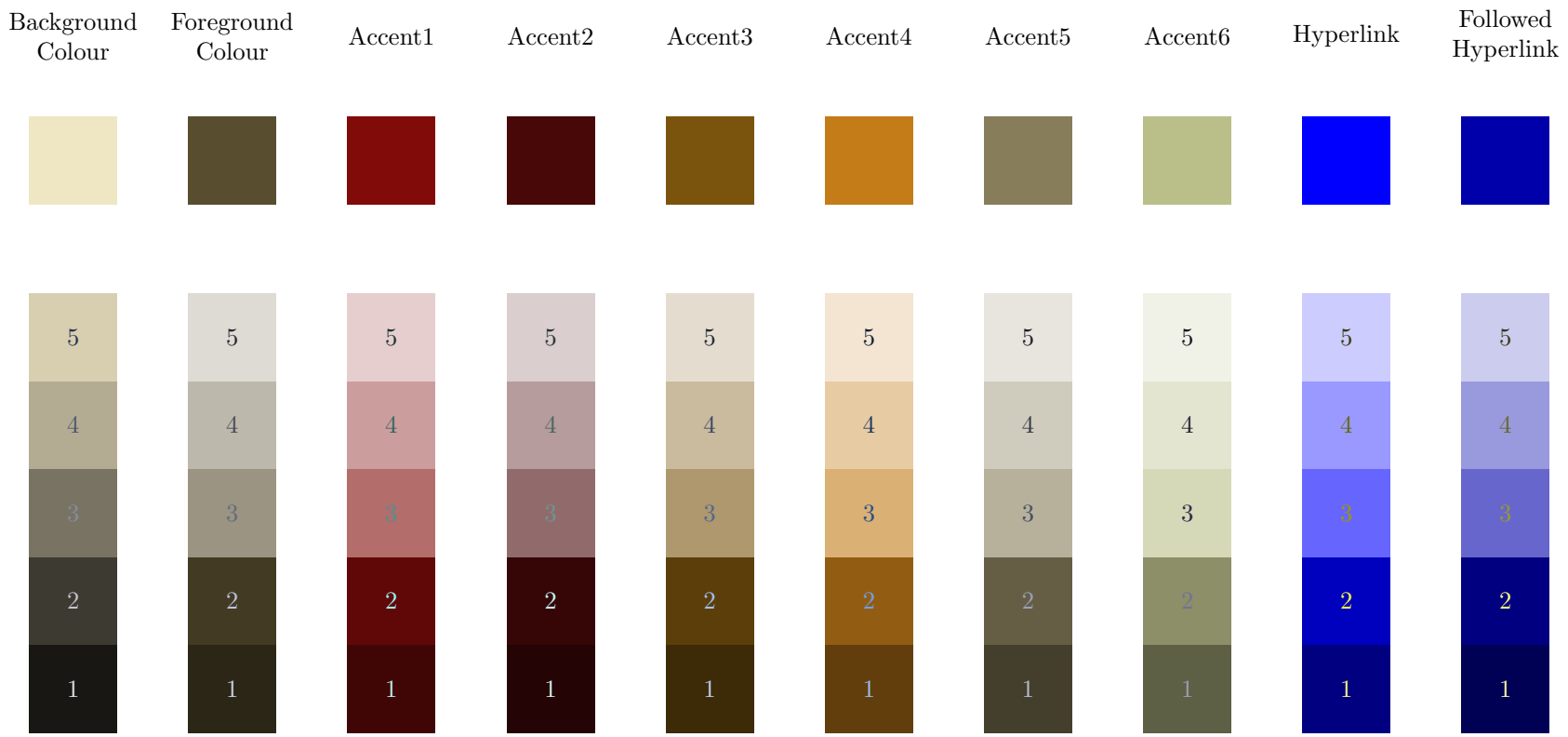
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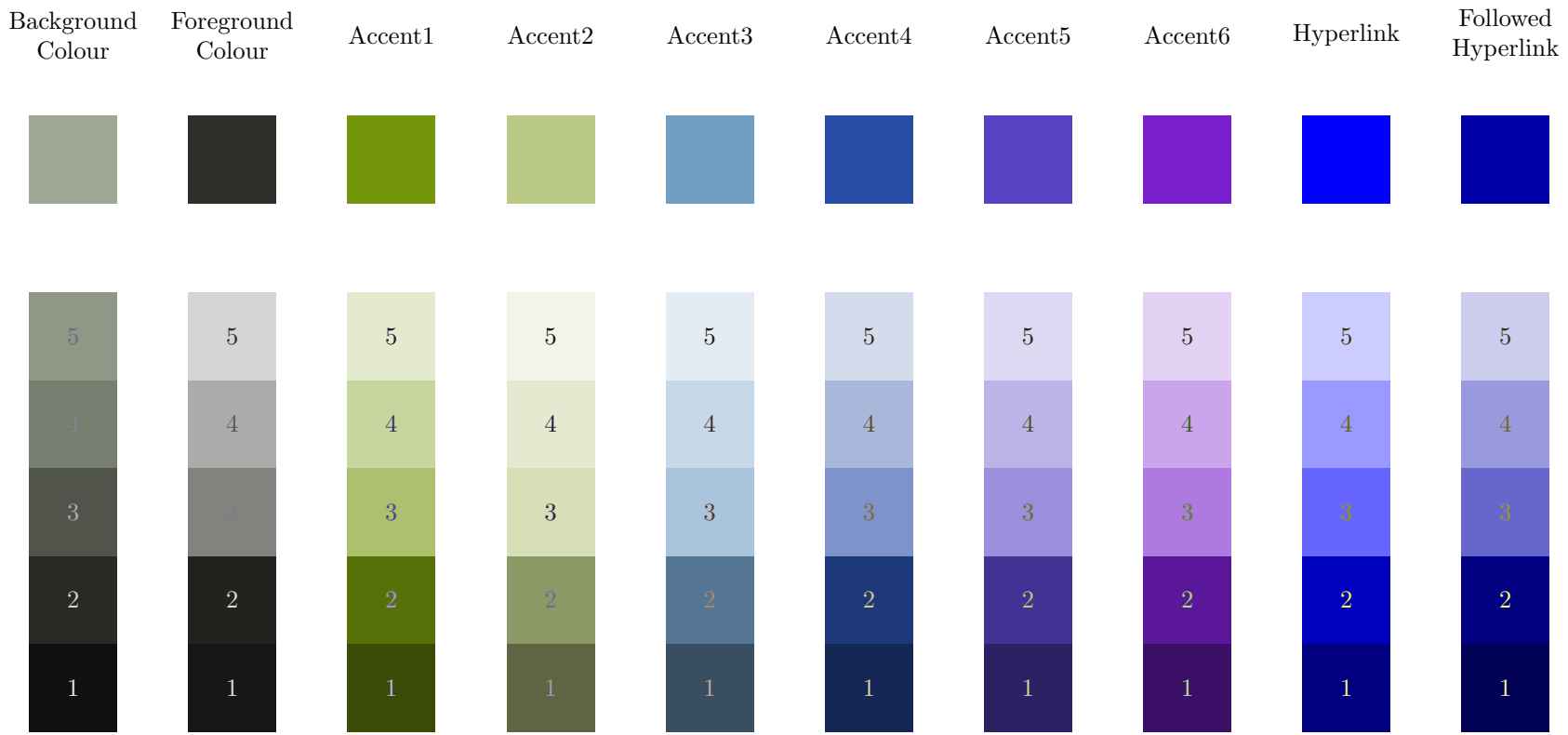
3.30 inspiration



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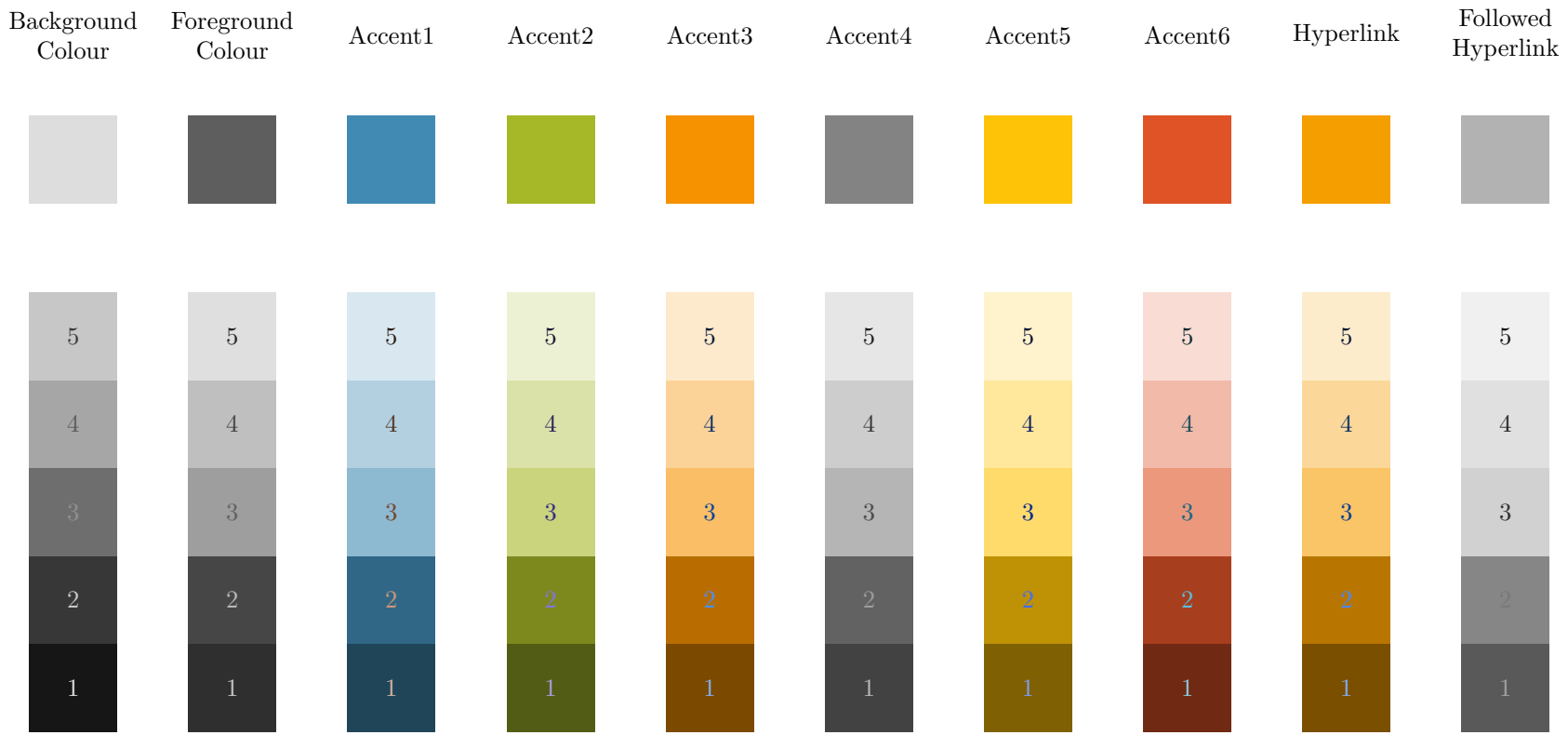
3.32 marquee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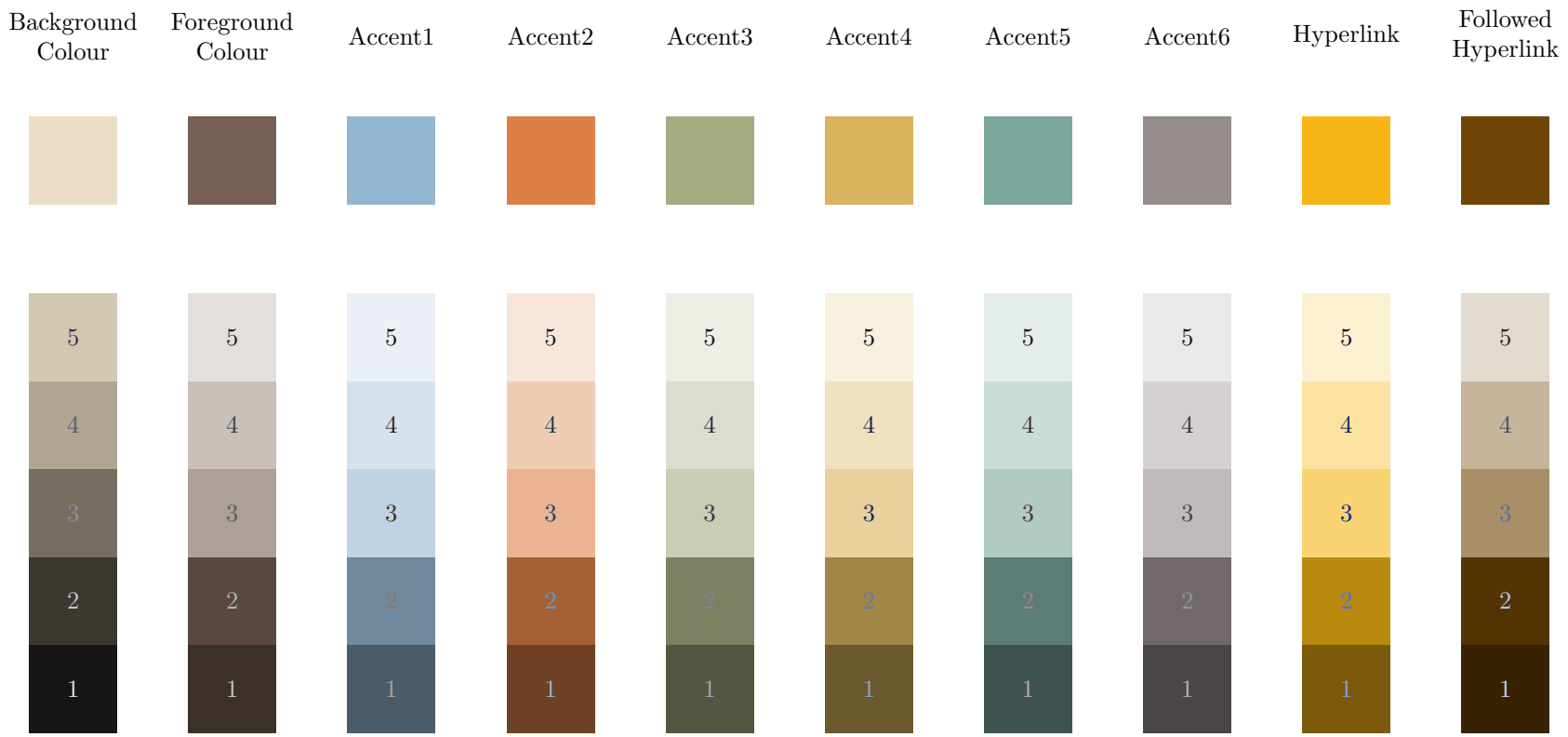
3.33 median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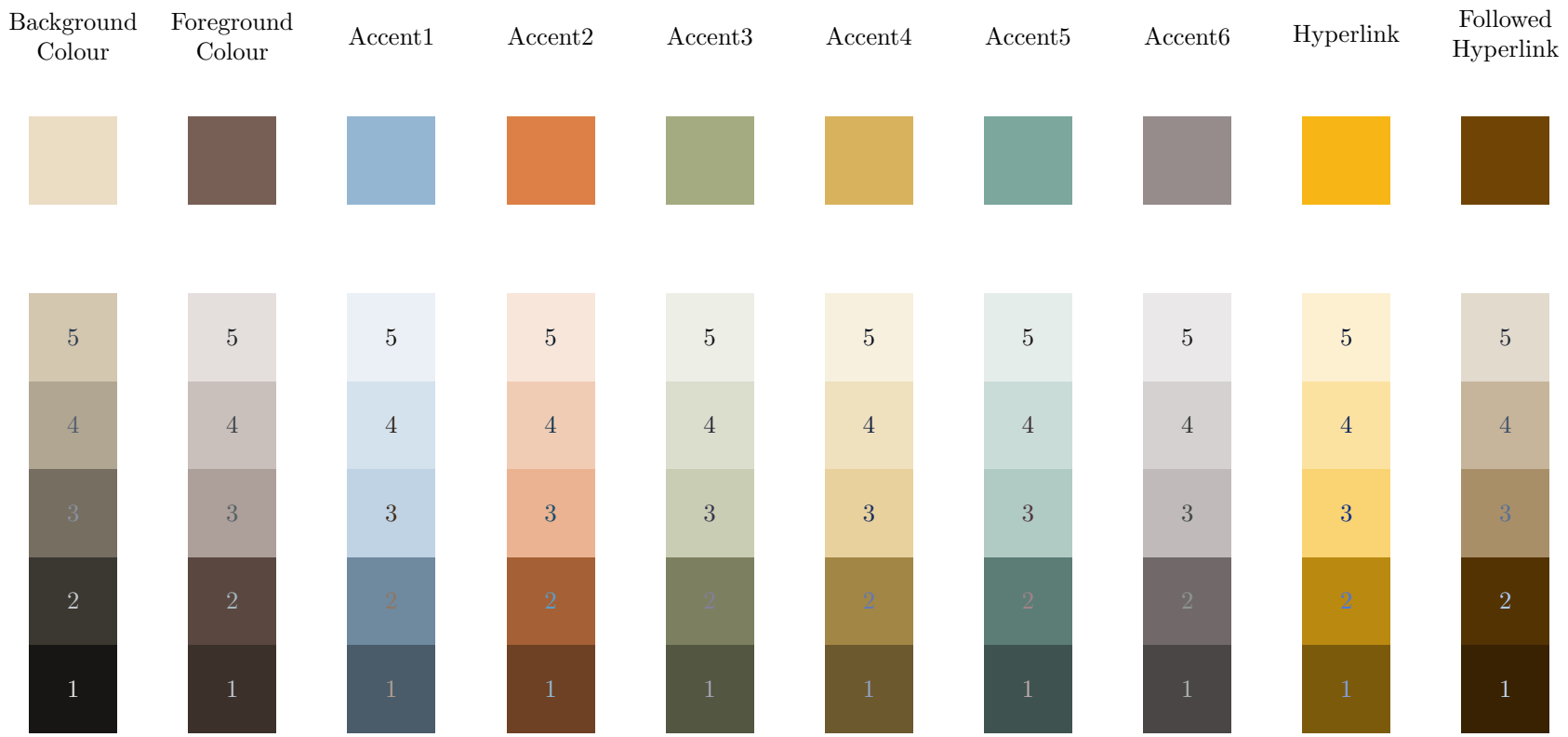
3.34 median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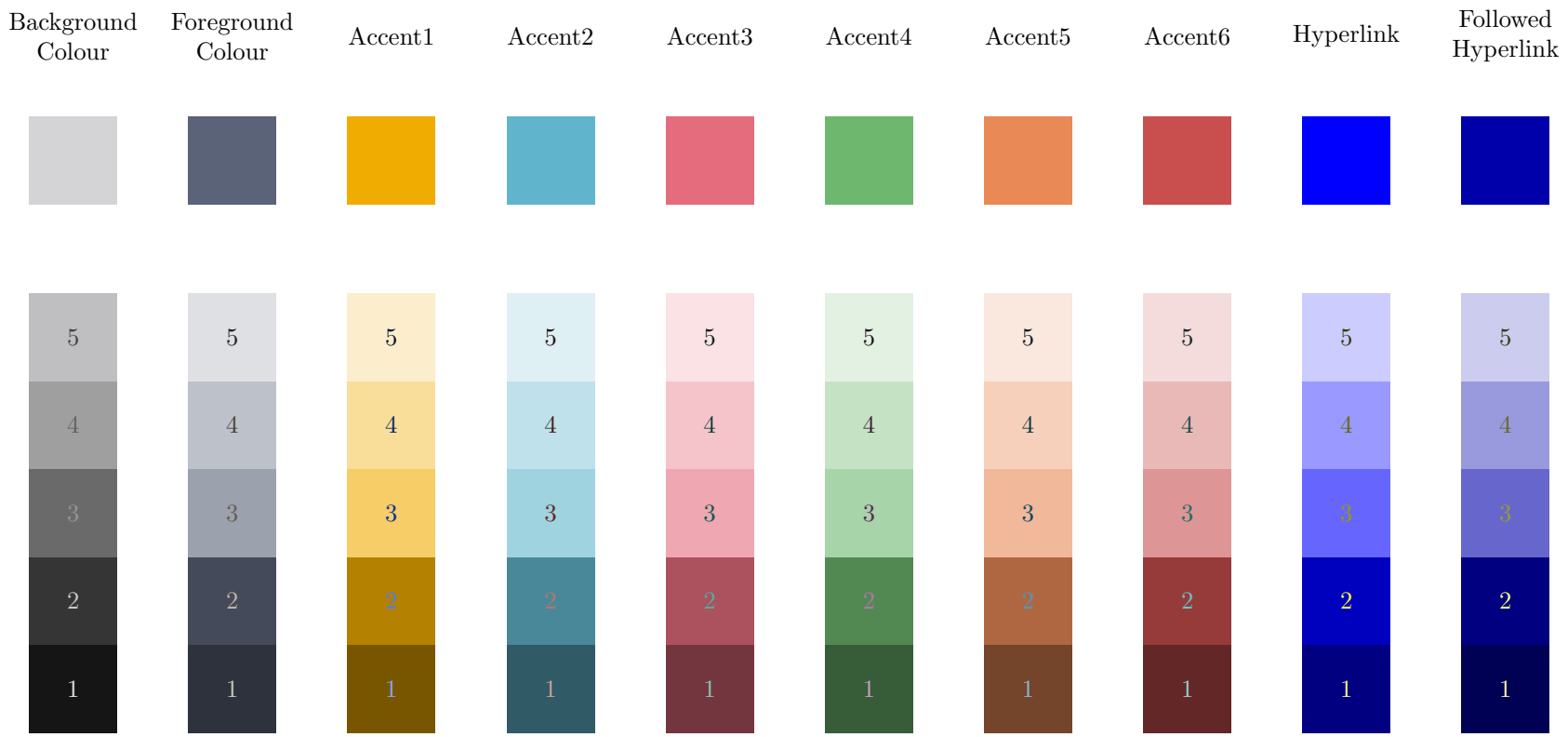
3.35 `module`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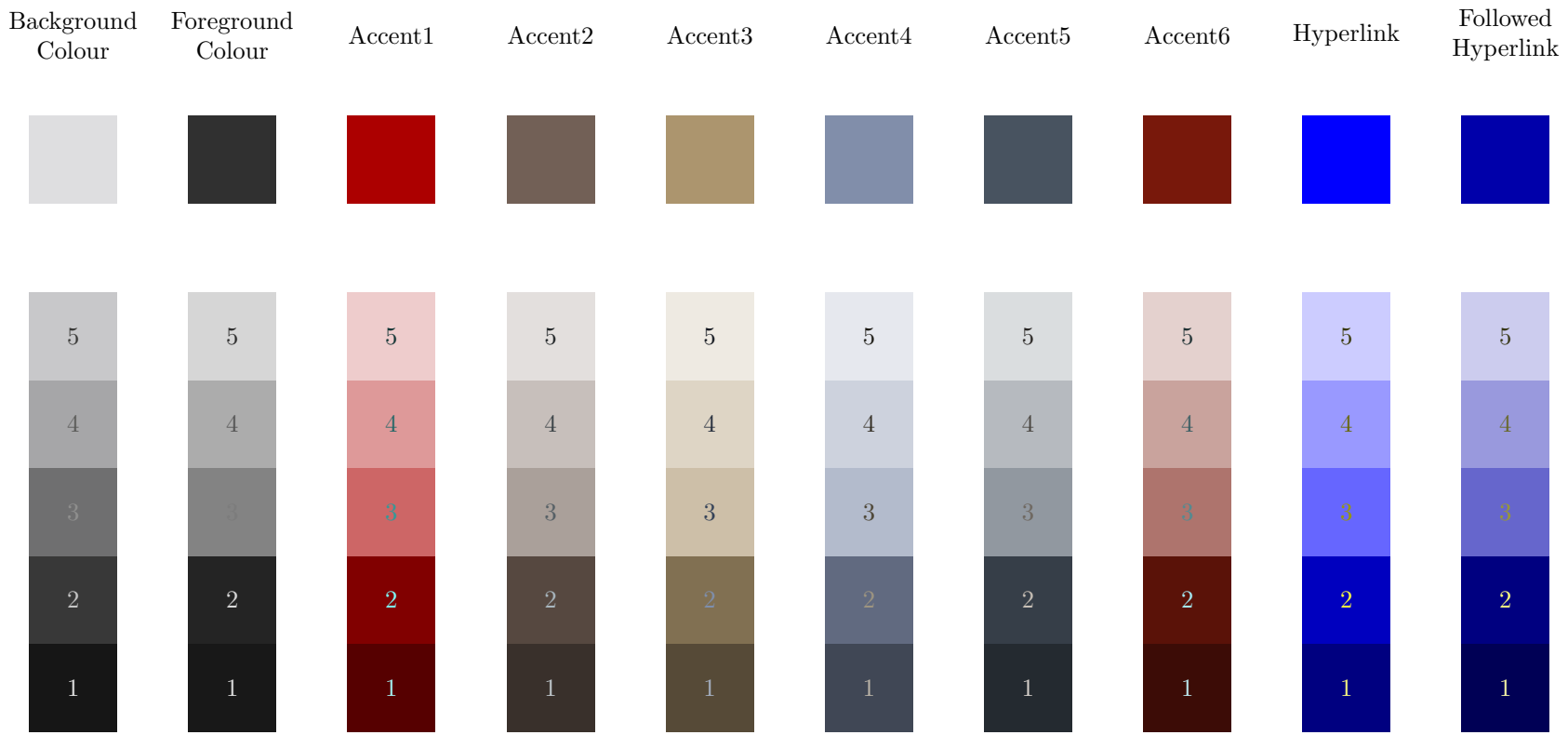
3.36 newsprint

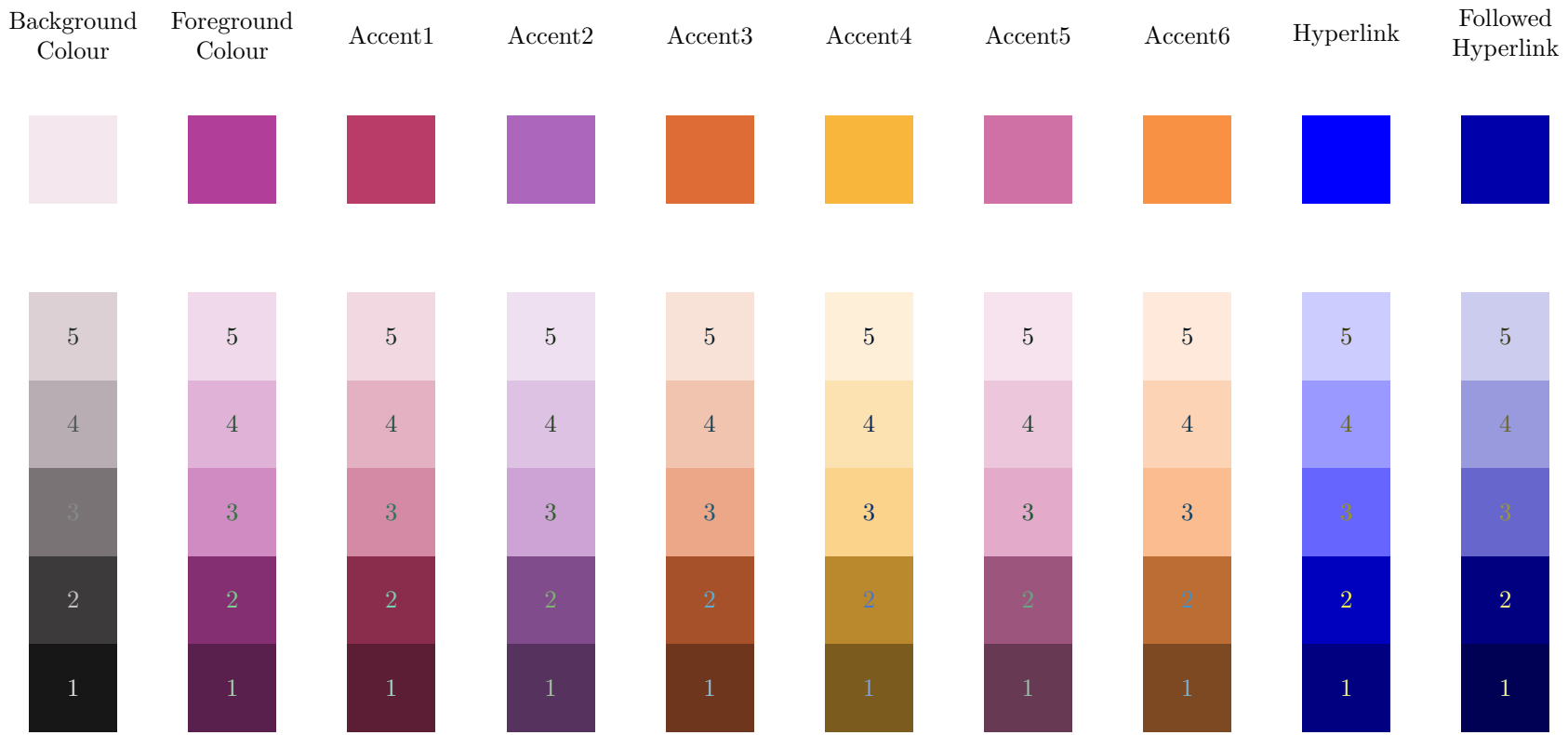


3.37 office_2007_2010

3.38 office_2011

3.39 office_default

3.40 `opulent`


Background Colour
Foreground Colour
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Hyperlink
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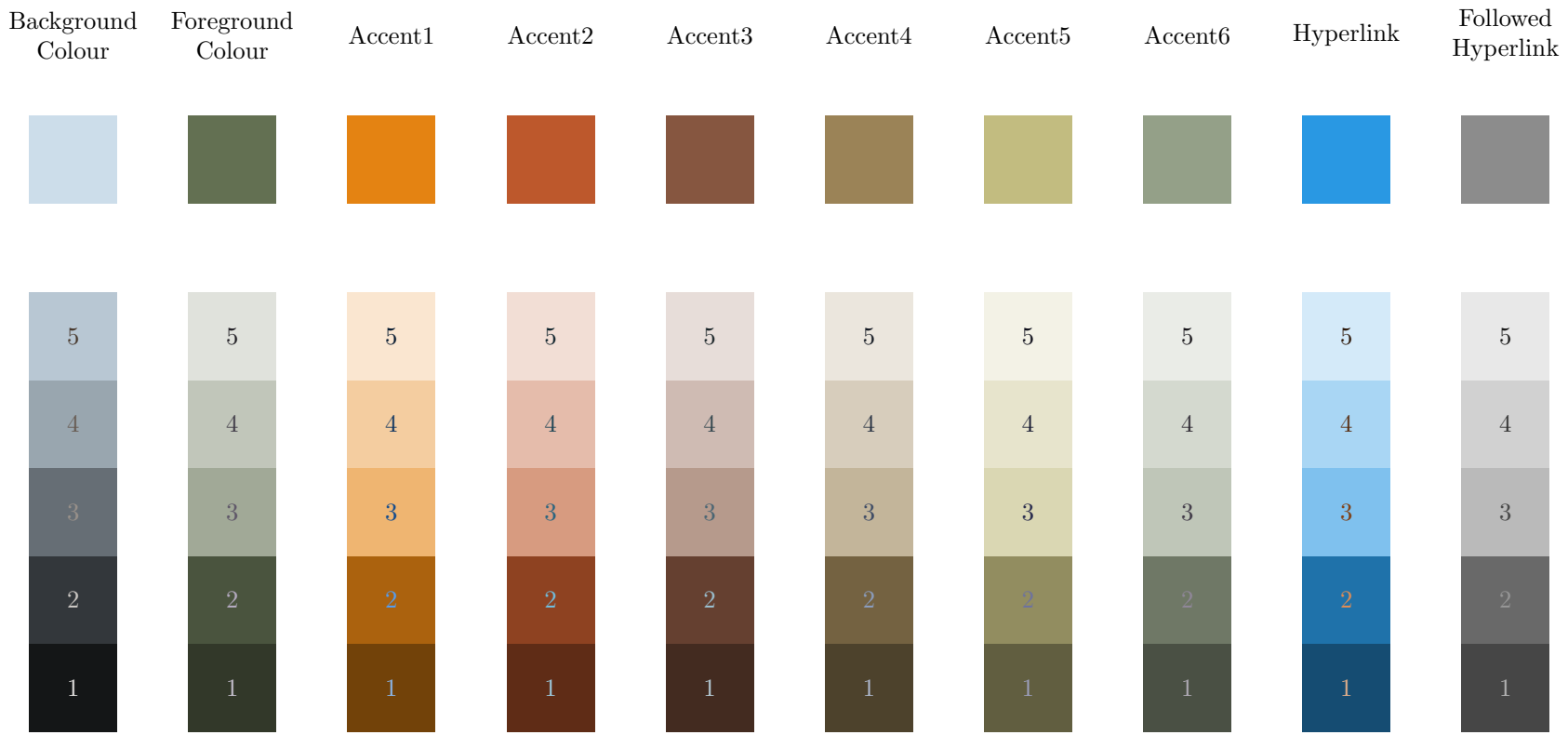
3.41 orange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Foreground Colour
Accent1
Accent2
Accent3
Accent4
Accent5
Accent6
Hyperlink
Followed Hyperlink
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4
3
2
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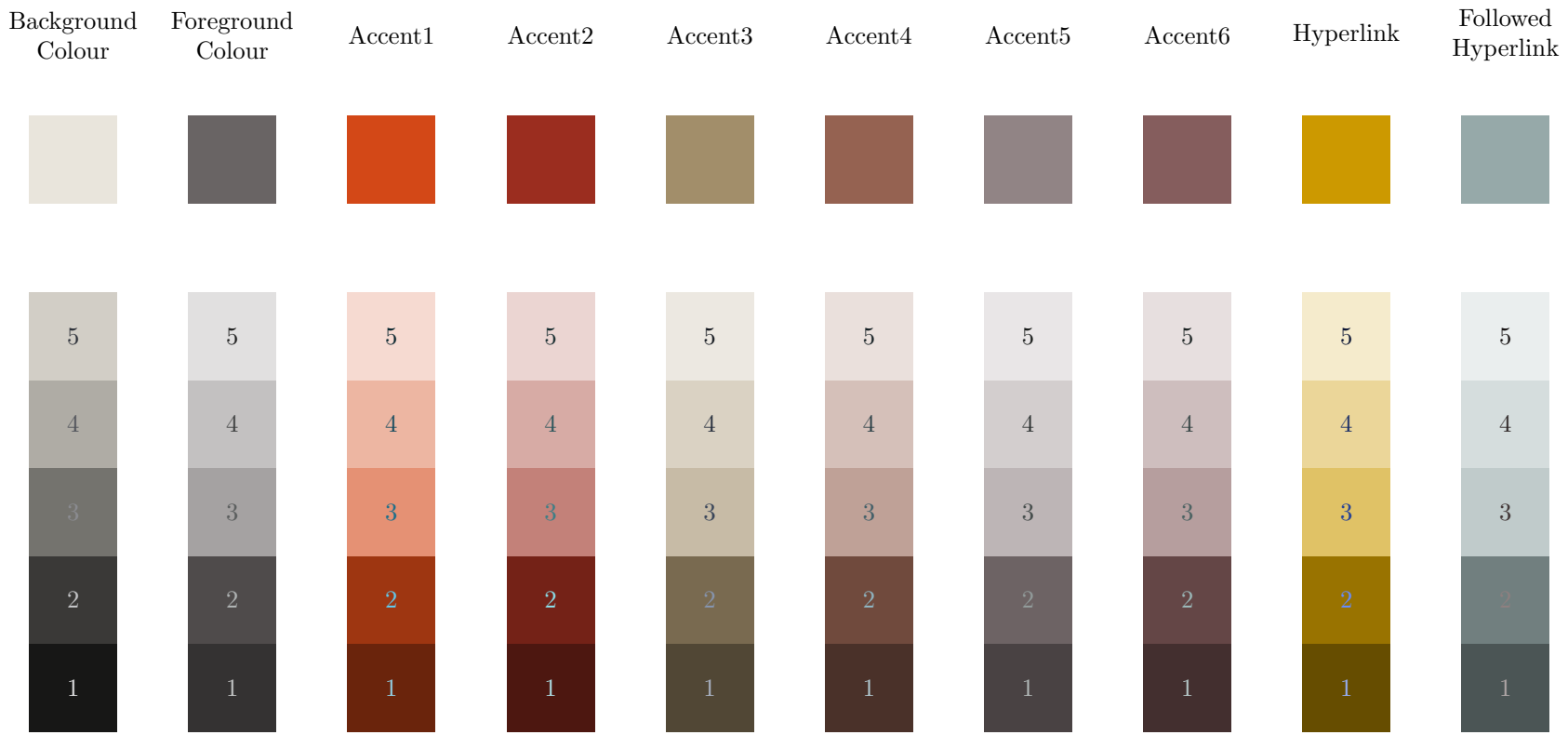
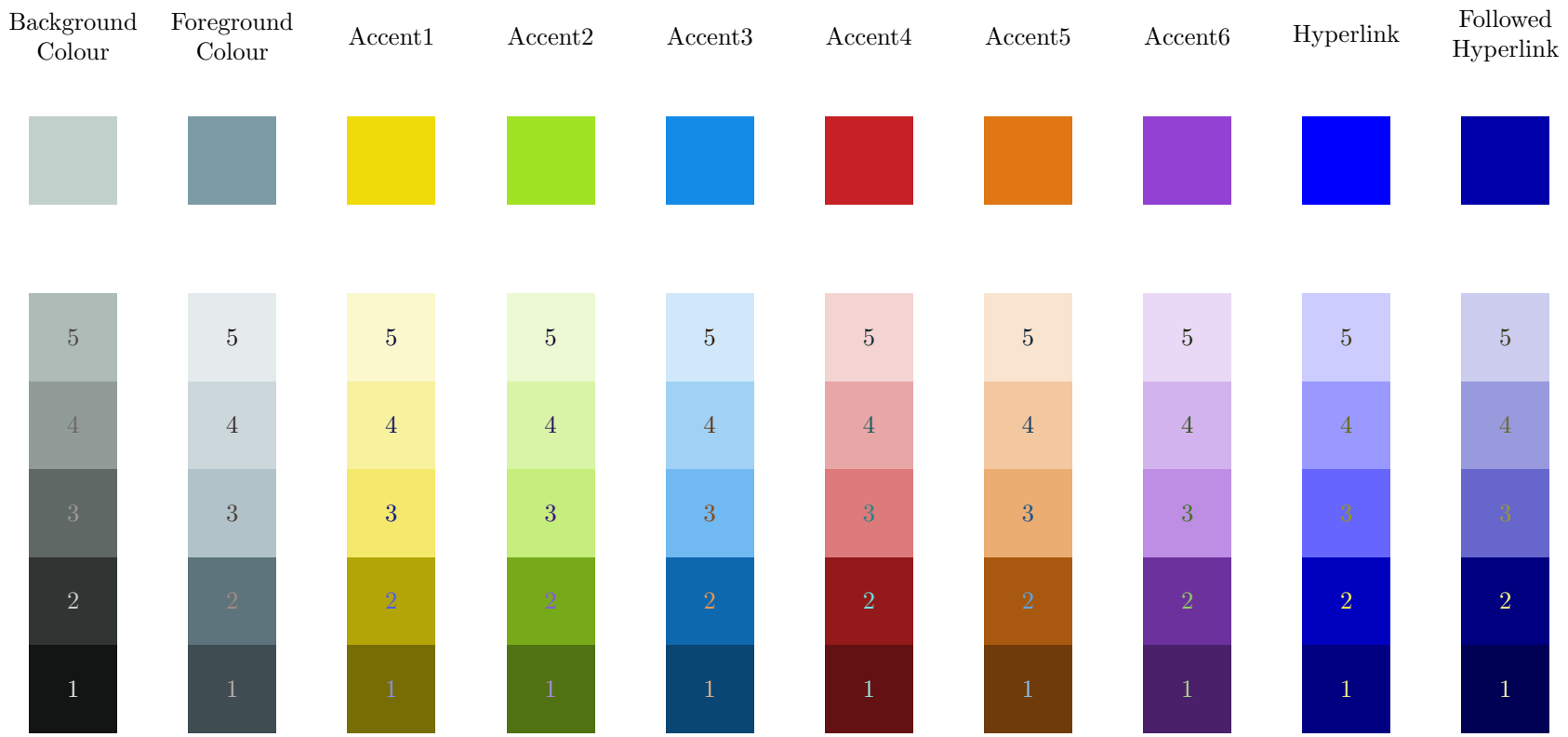
3.42 orange_red



3.43 `orbit`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3.44 `oriel`

Background Colour
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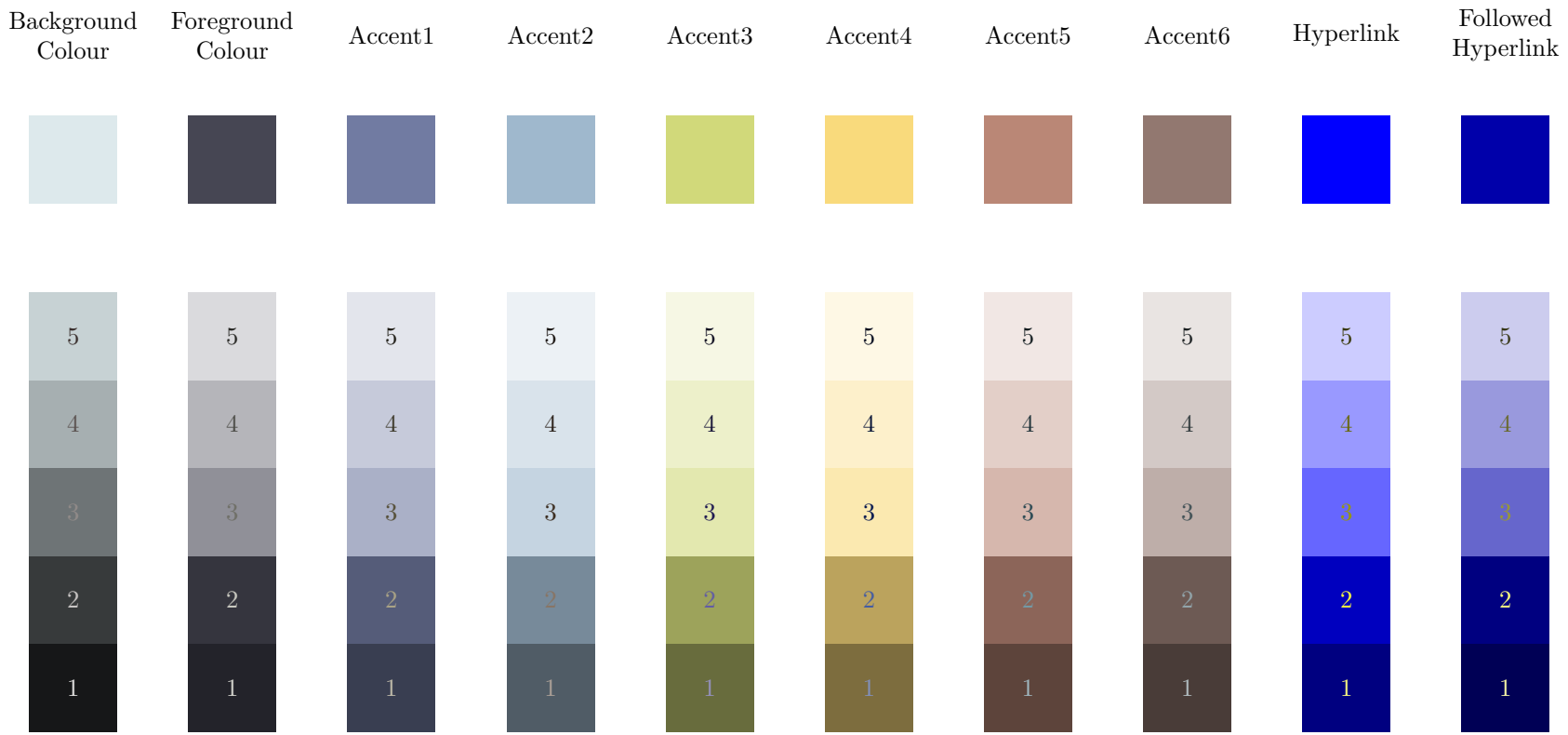
3.45 origin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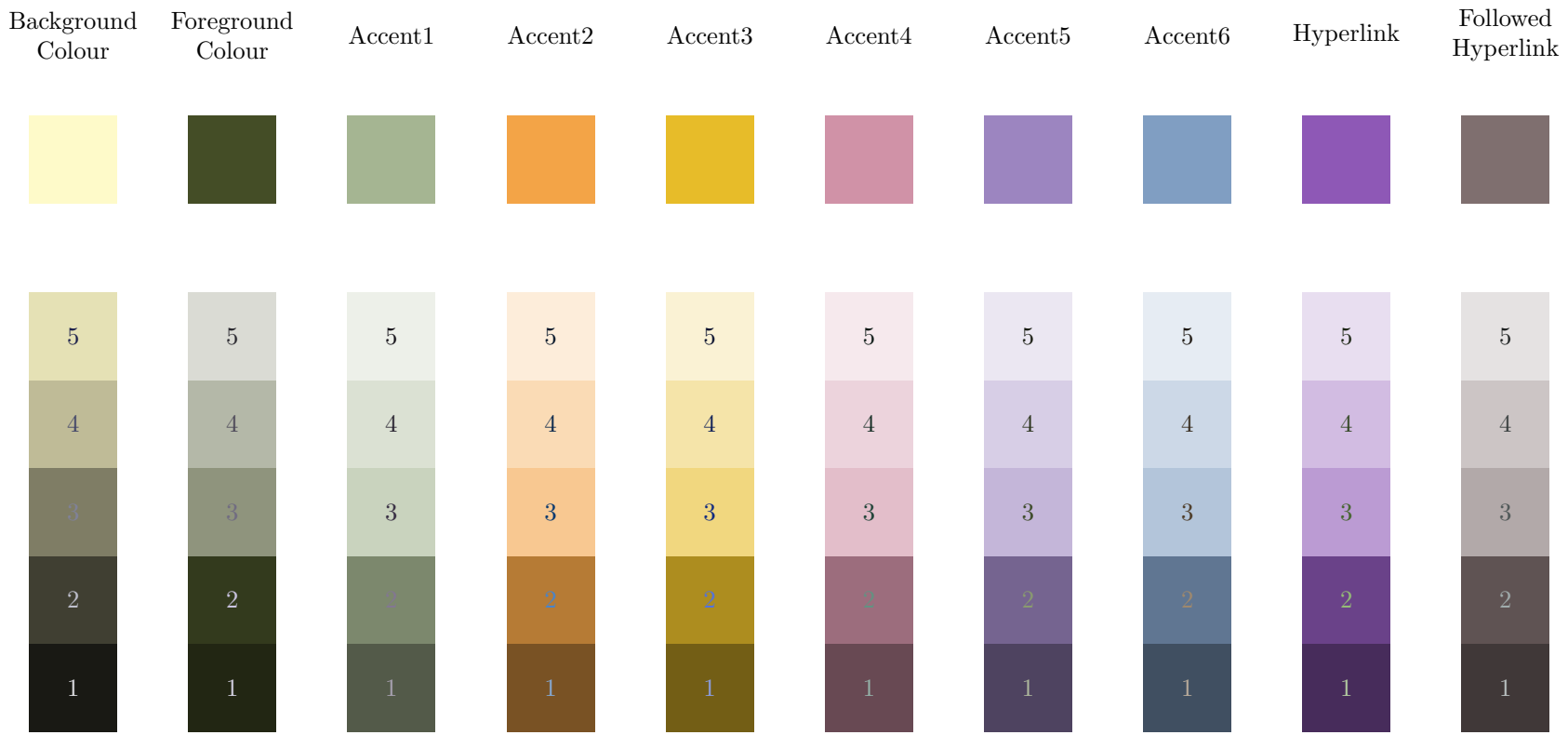
3.46 paper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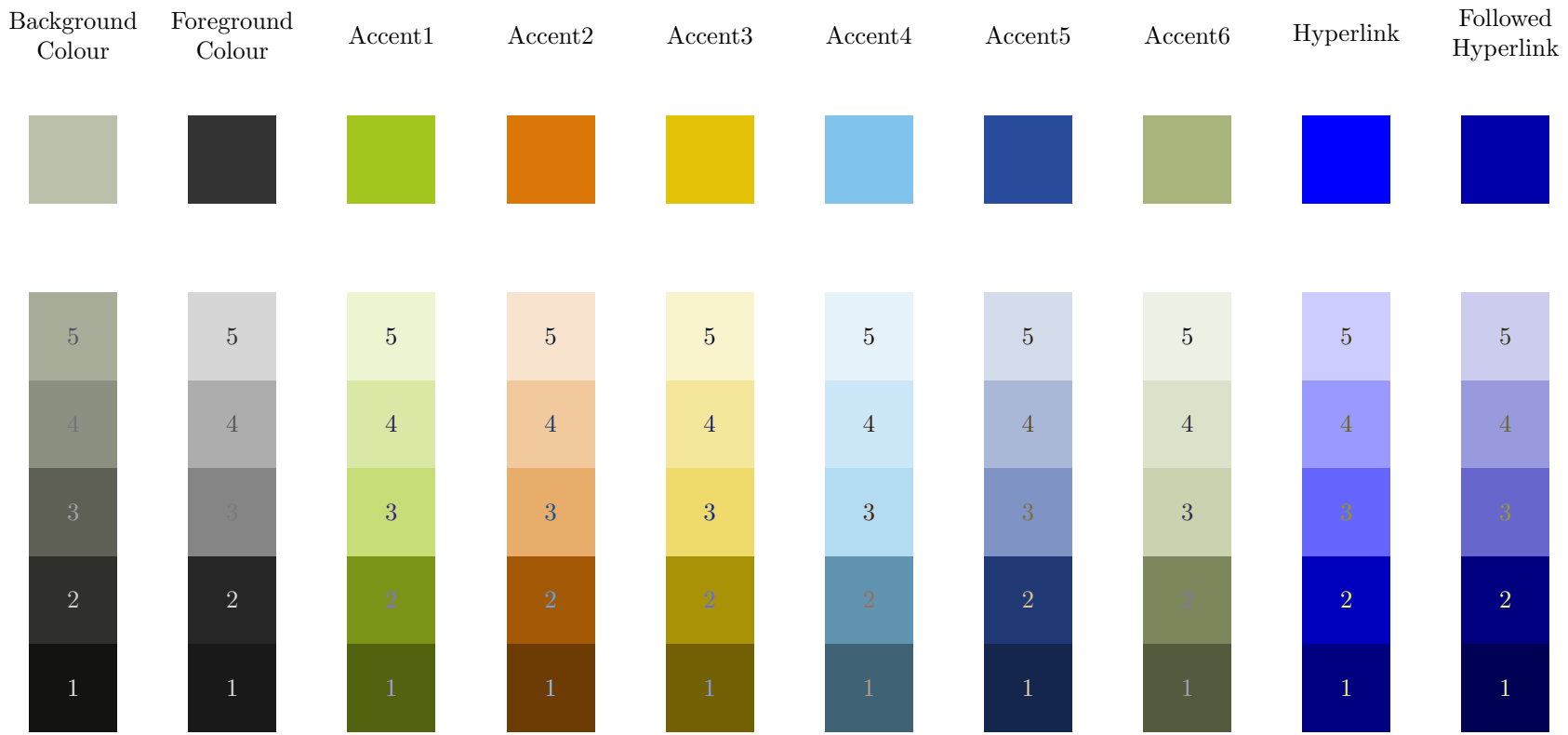
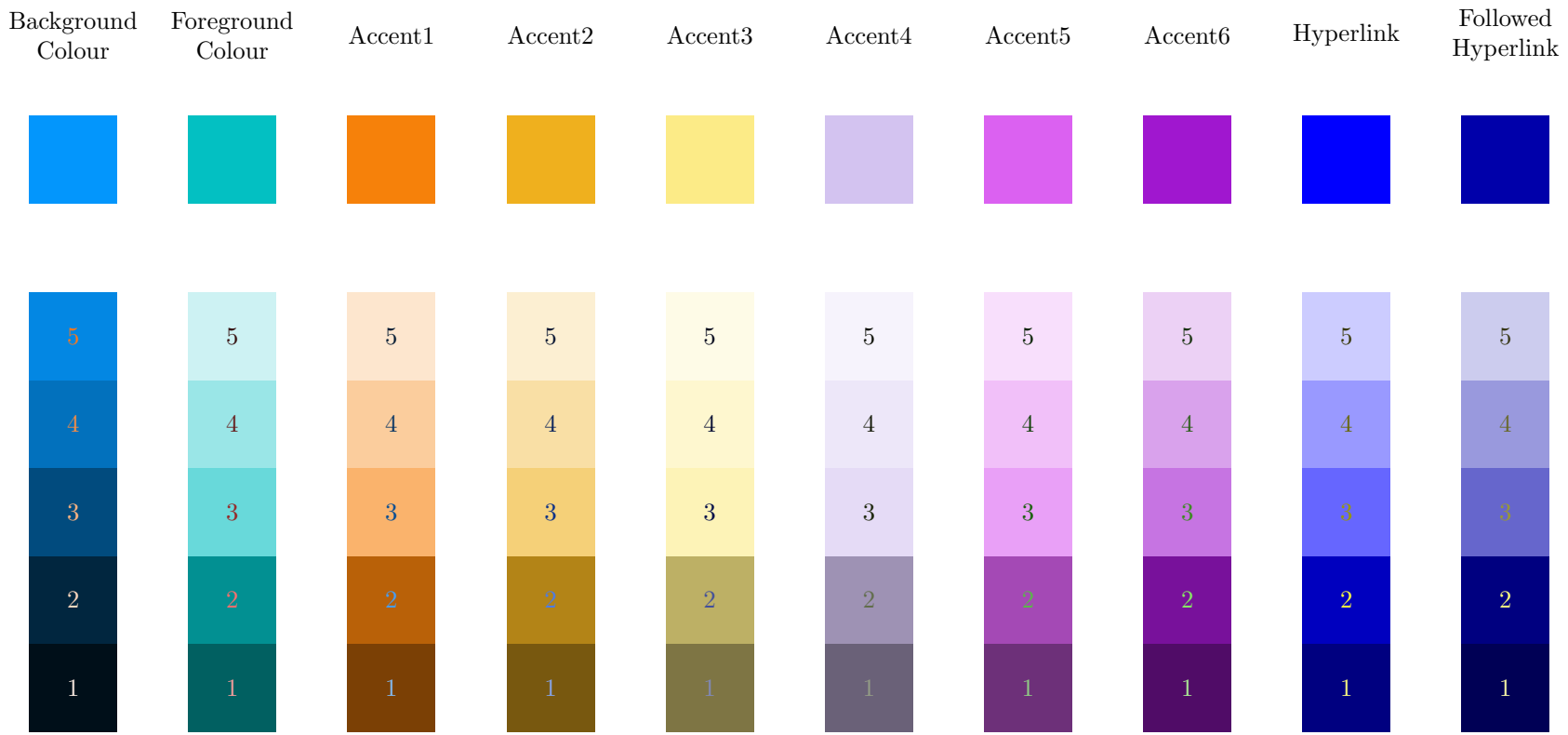
3.47 perception



3.48 perspective

3.49 pixel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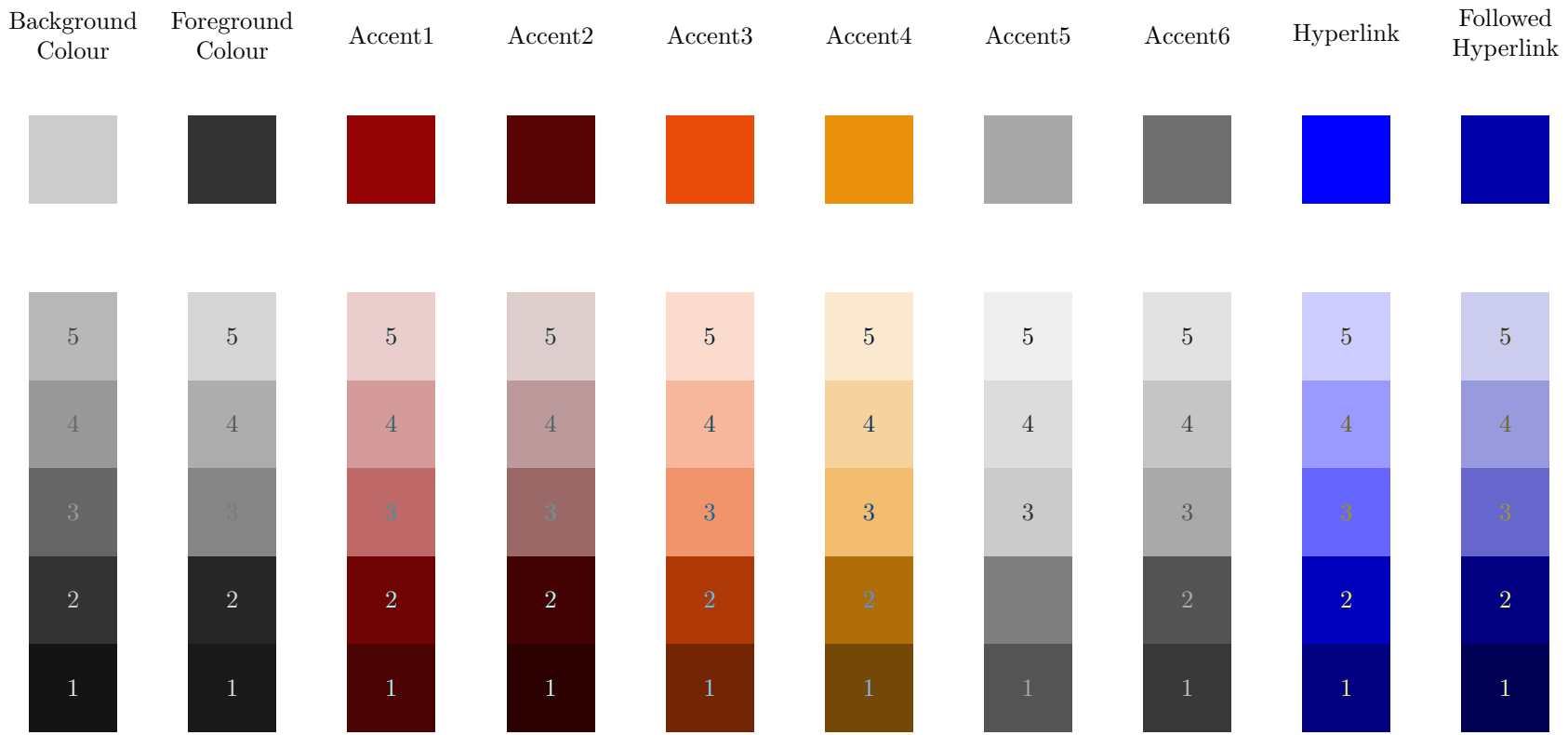
3.50 plaza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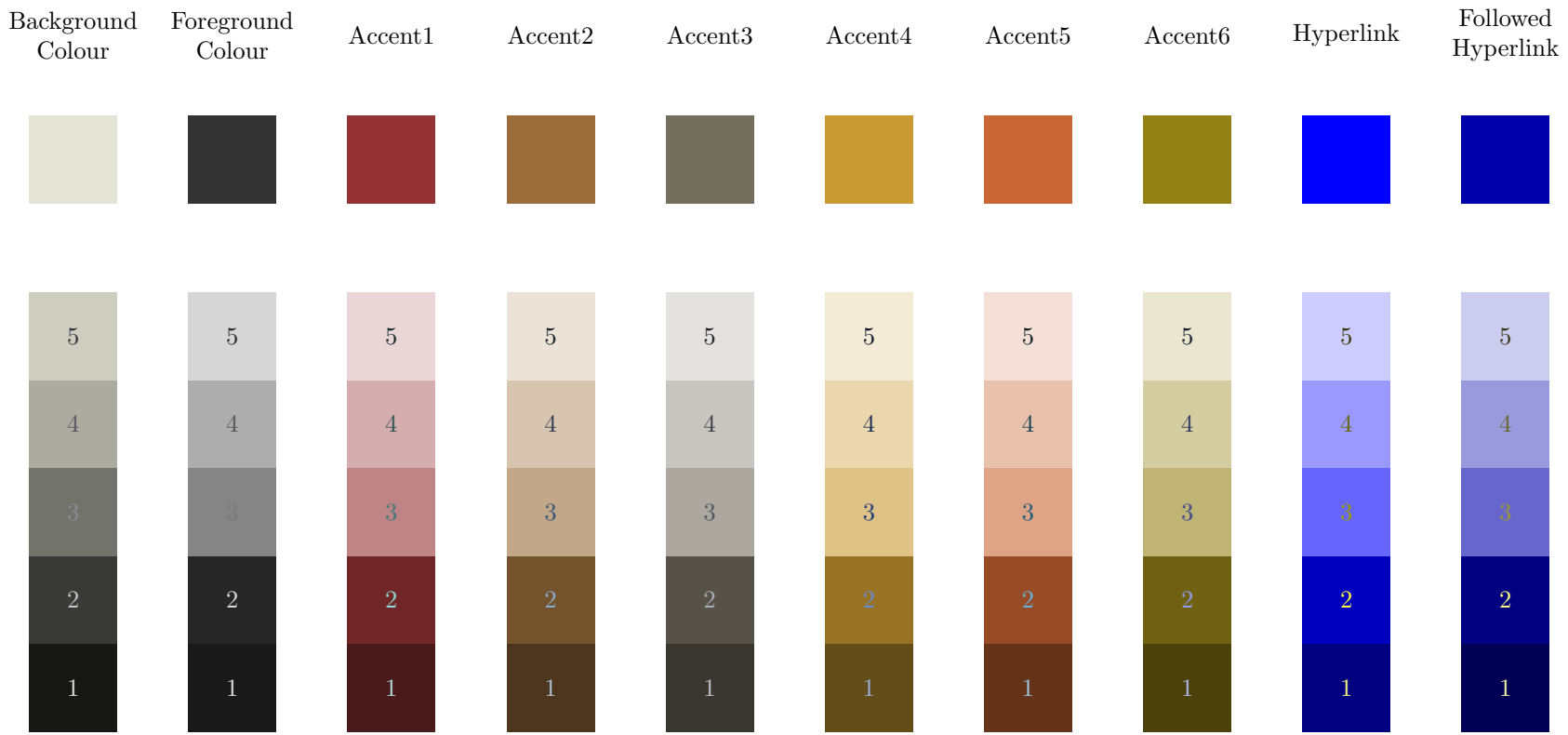
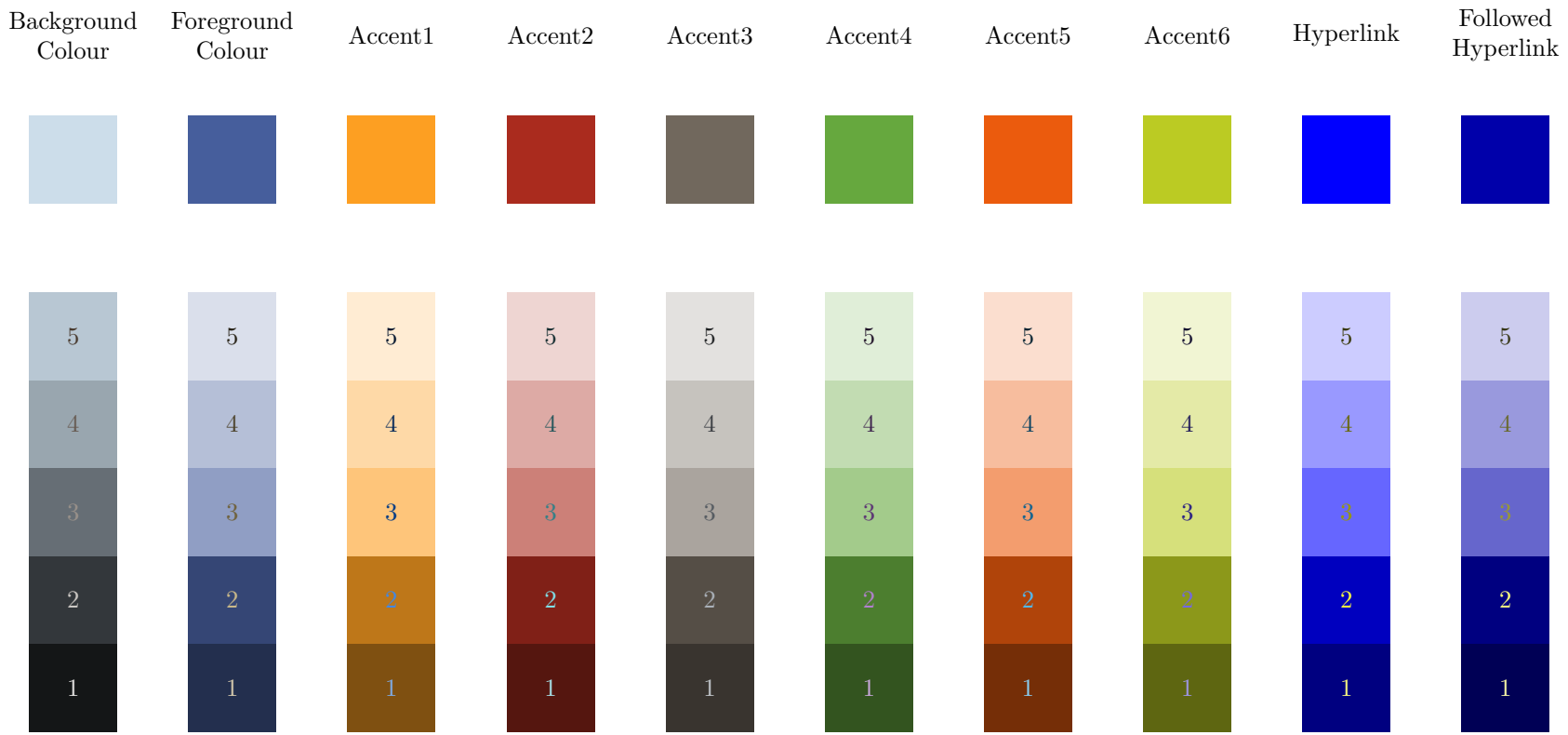
3.51 precedent



3.52 pushpin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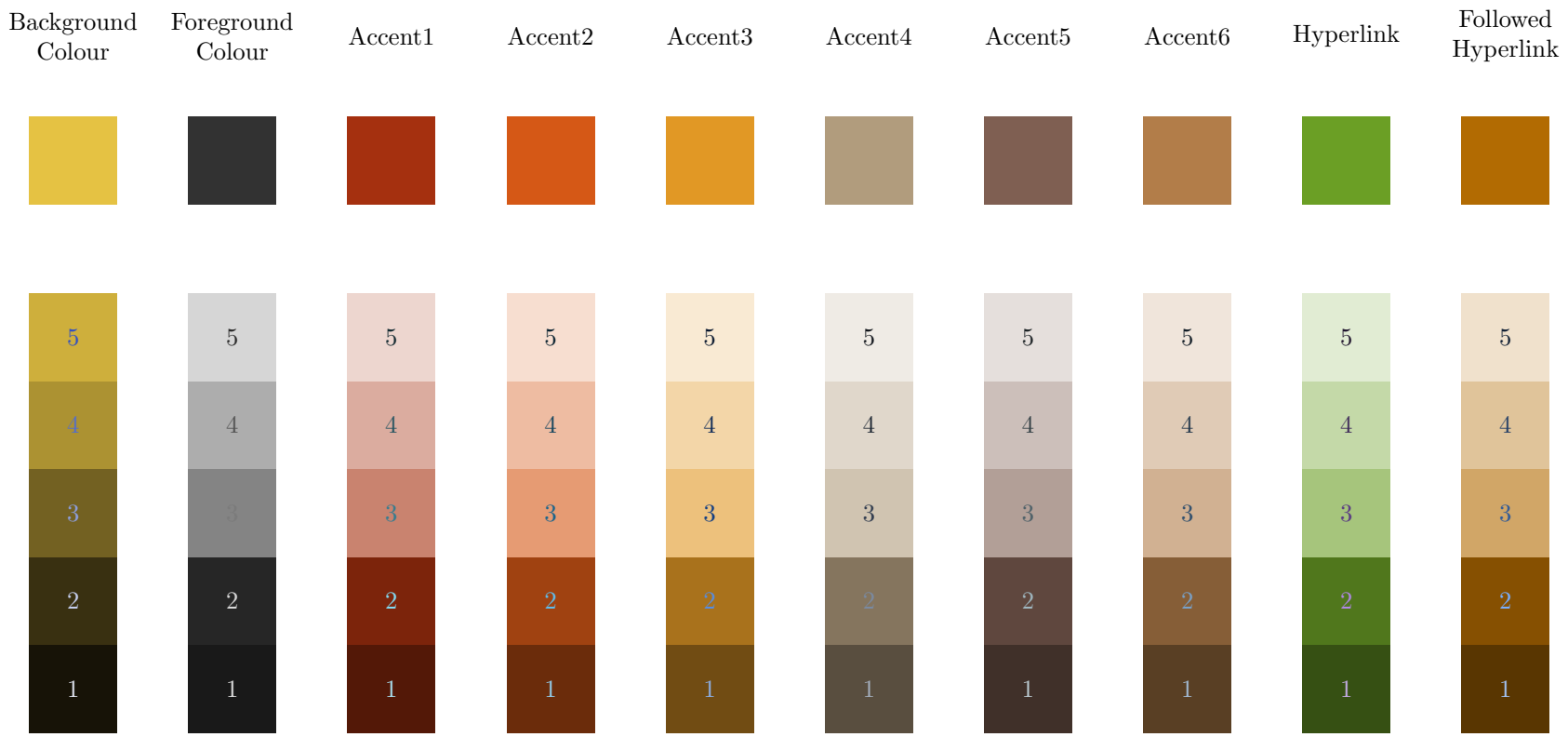
3.53 red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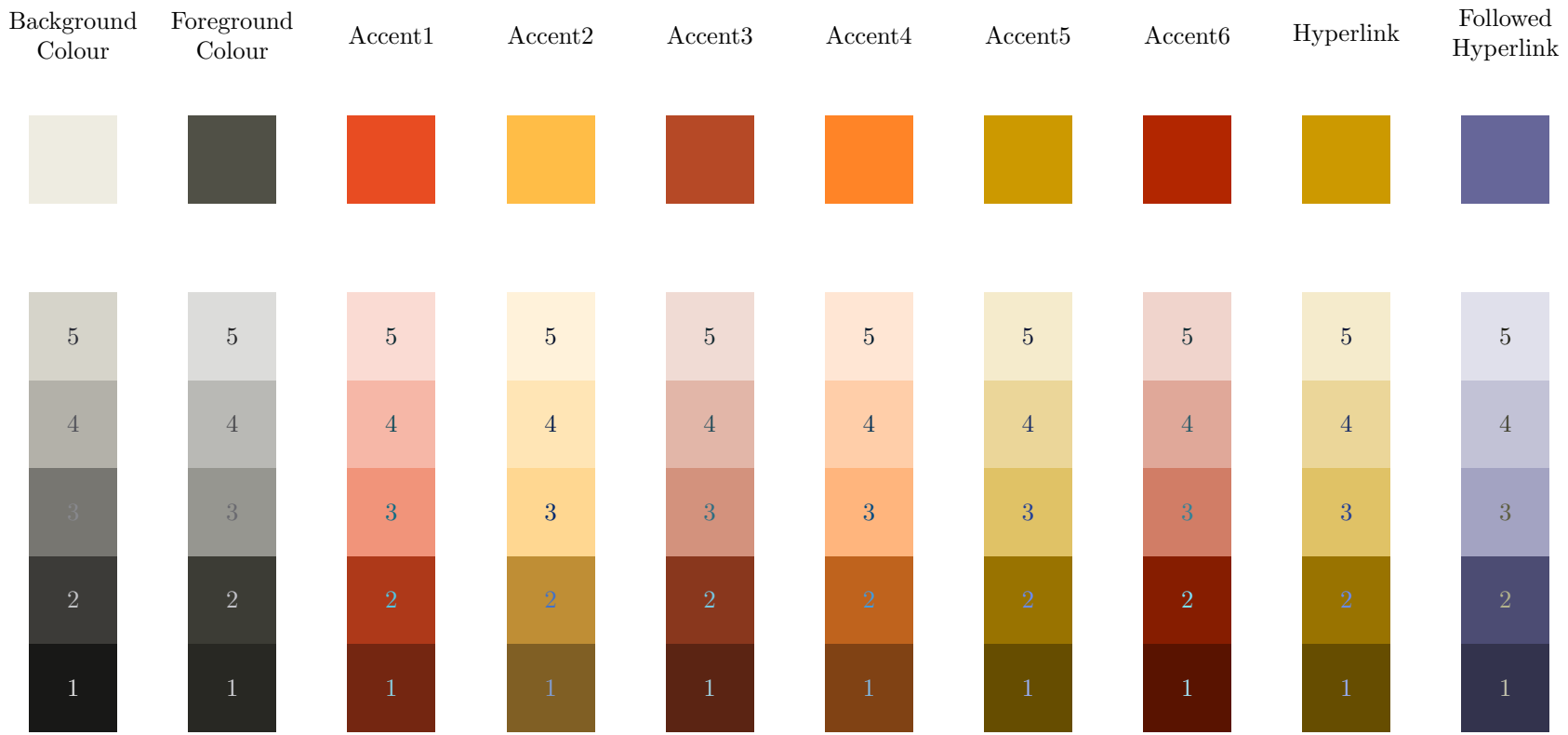
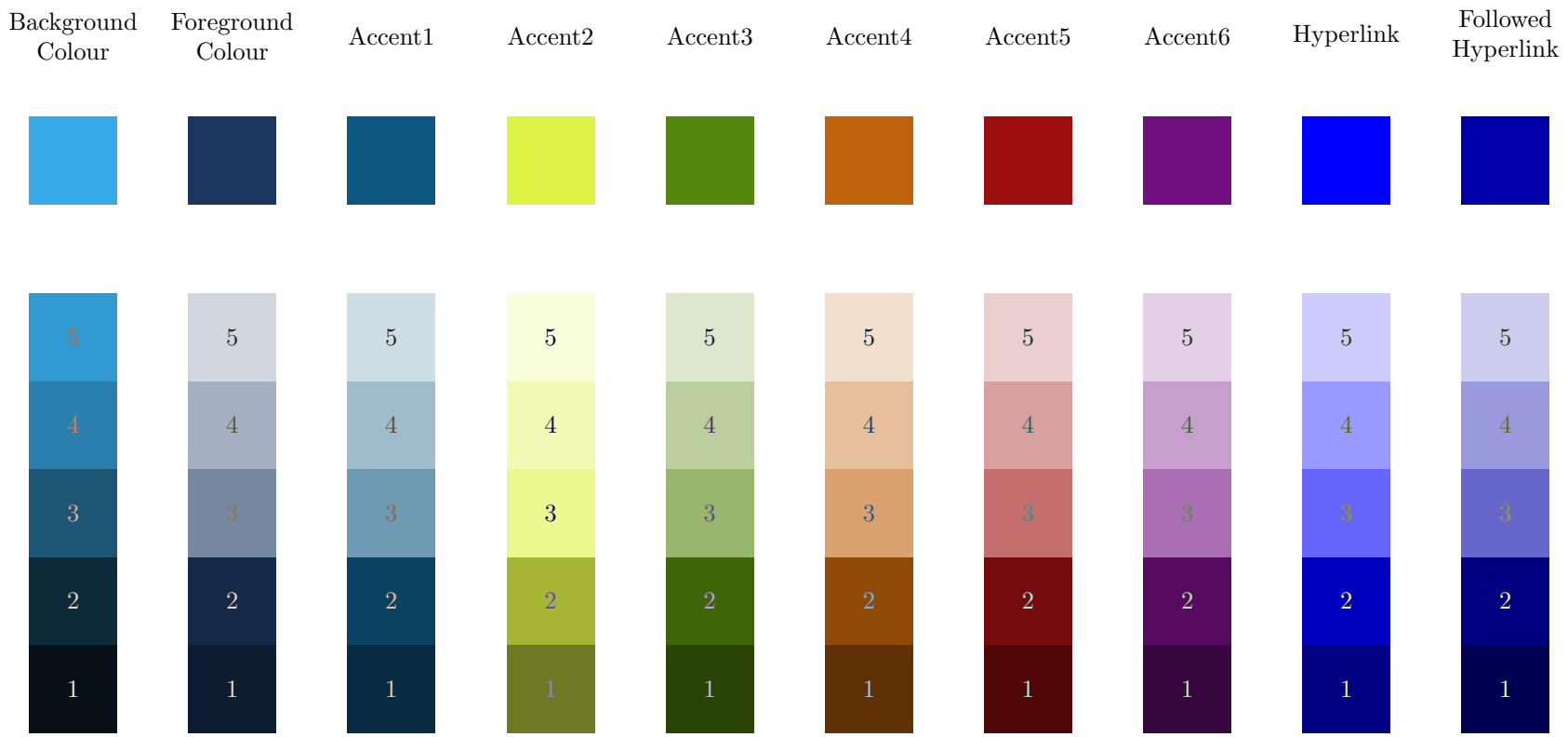
3.54 red_orange

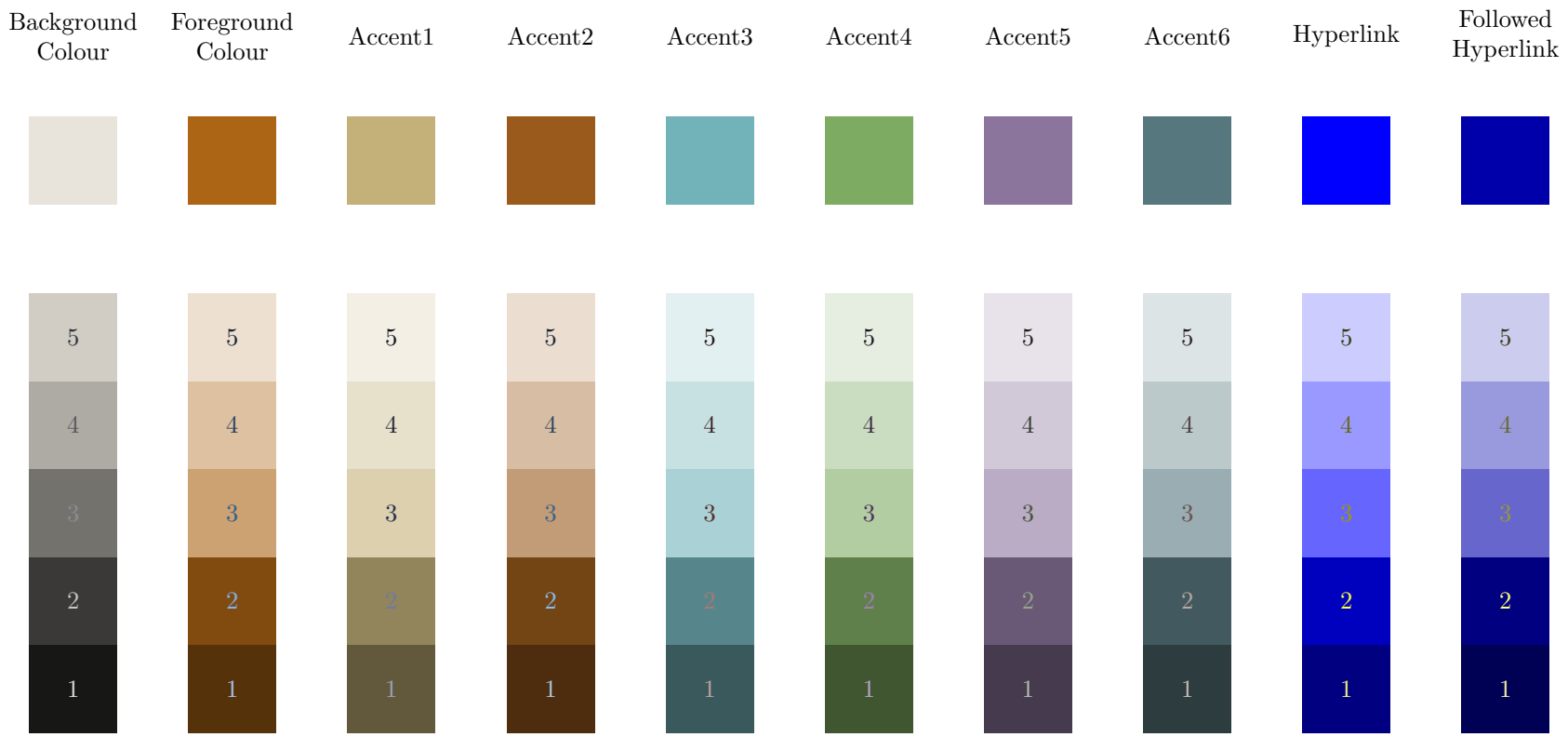


3.55 red_violet

3.56 revolution



3.57 saddle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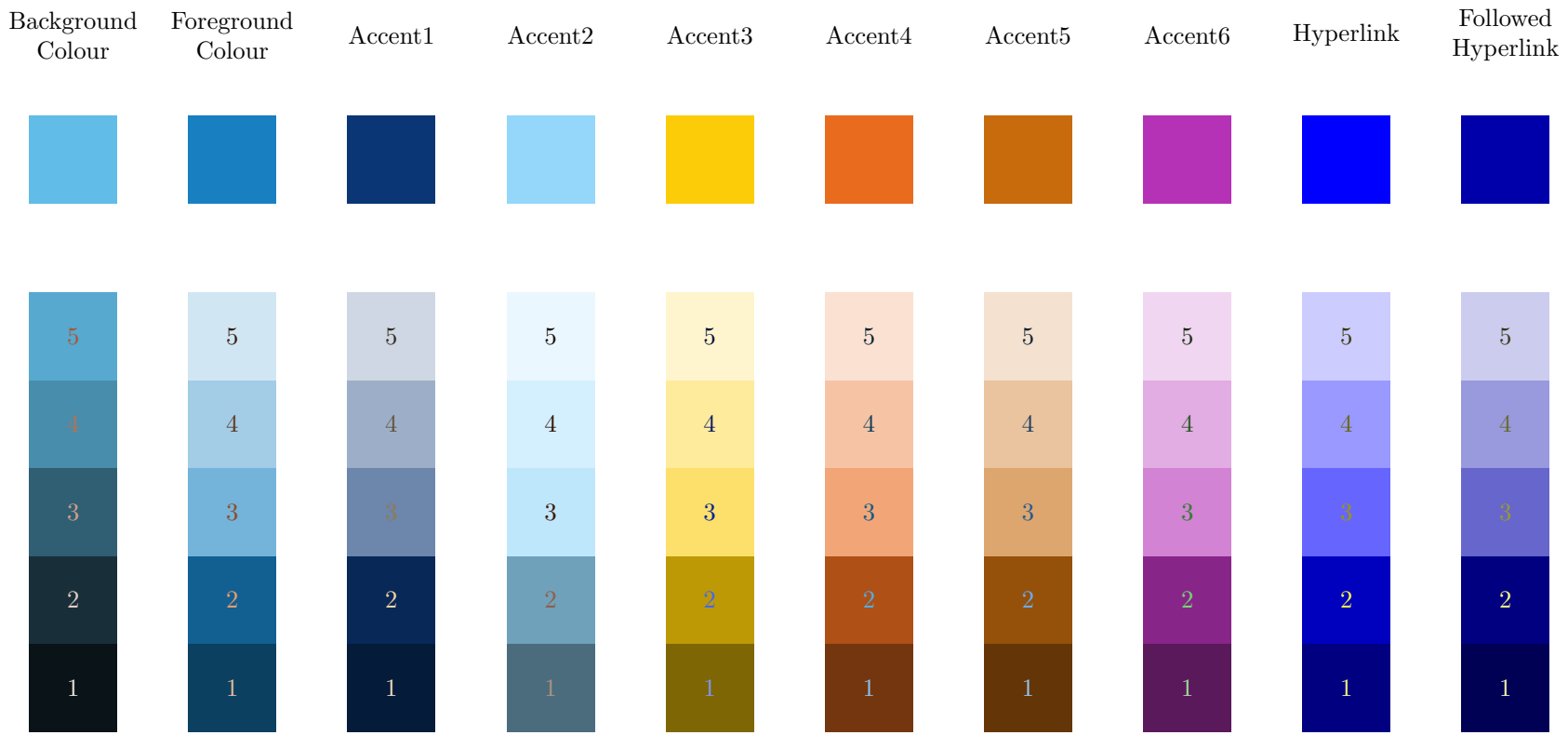
3.58 sketchbook

3.59 sky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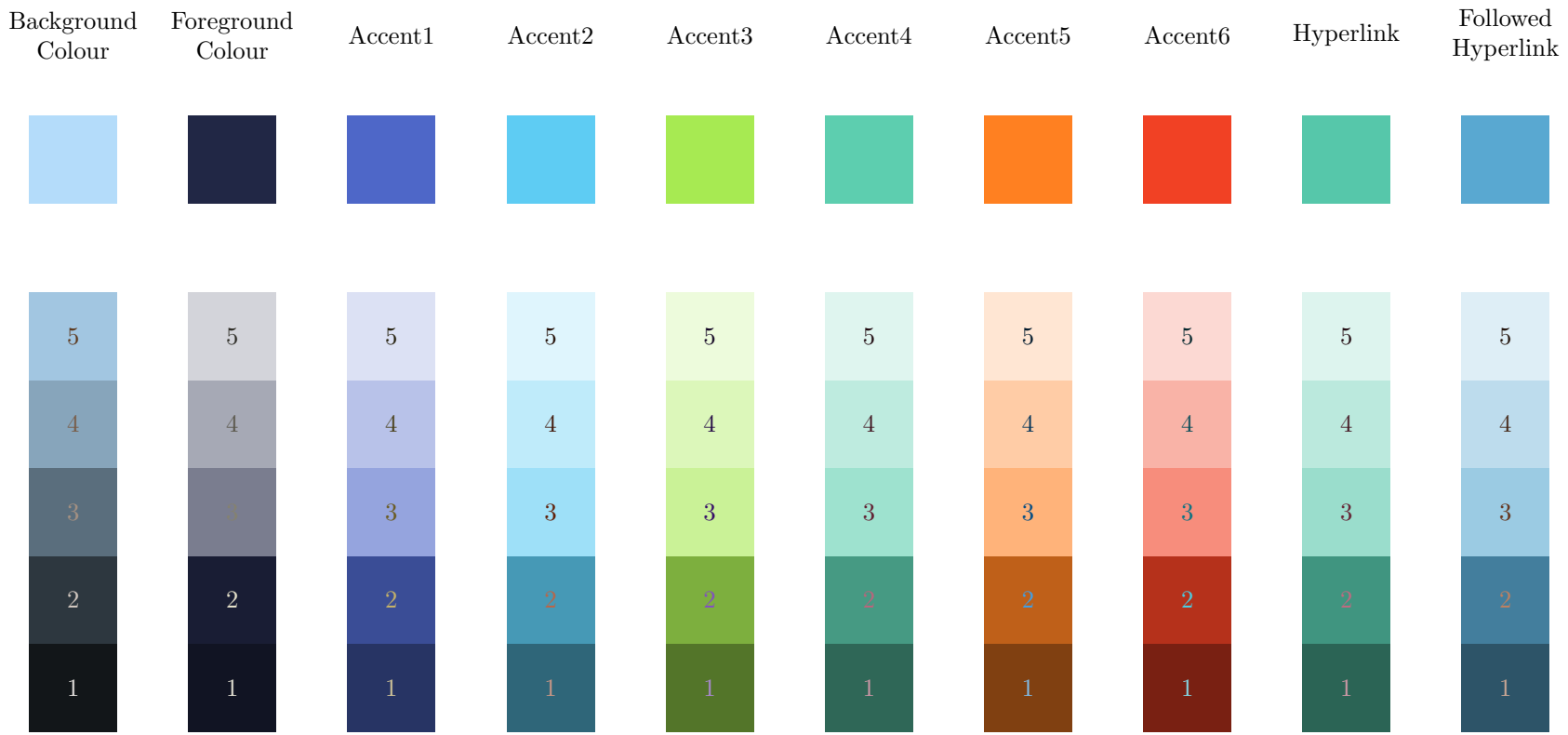
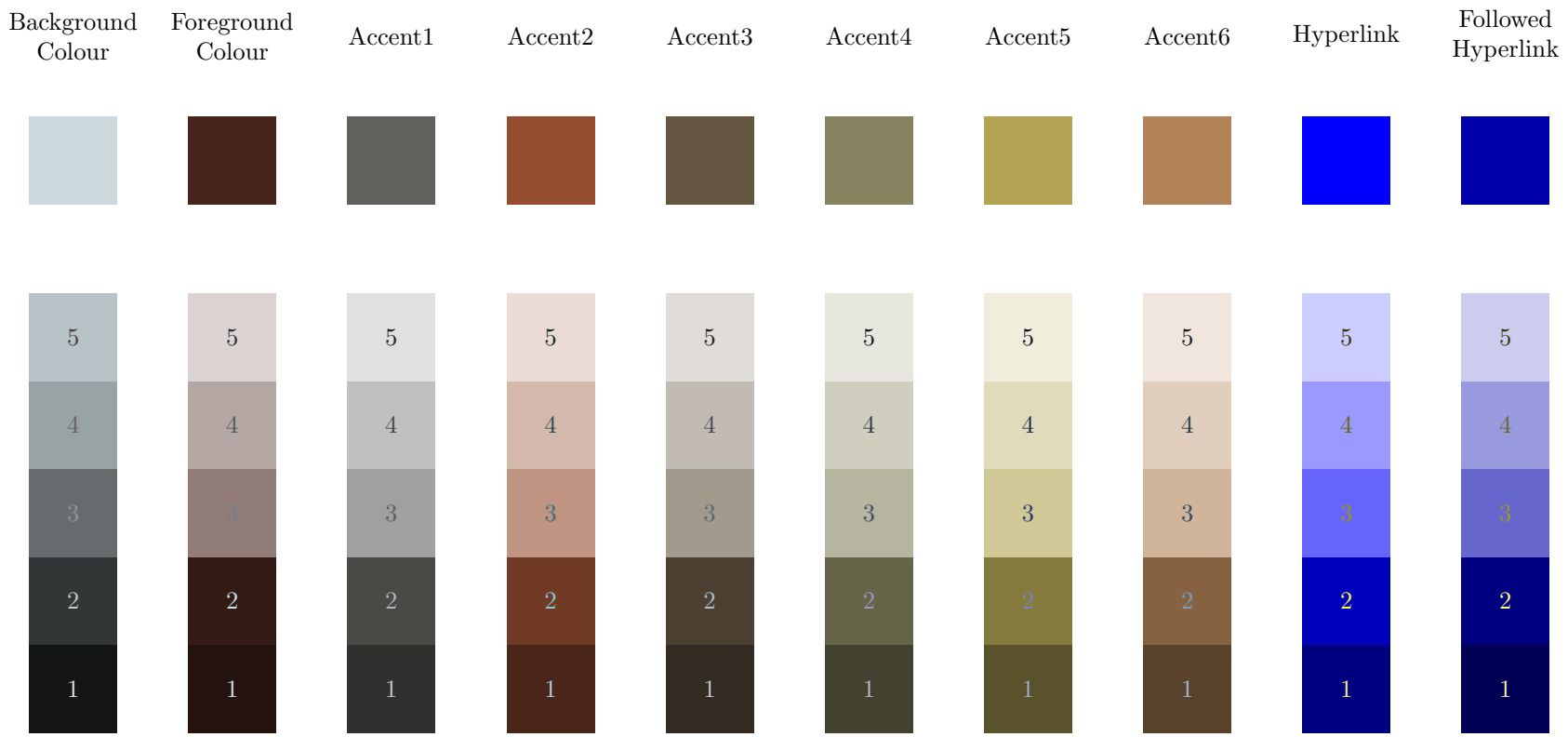
3.60 slipstream



3.61 soho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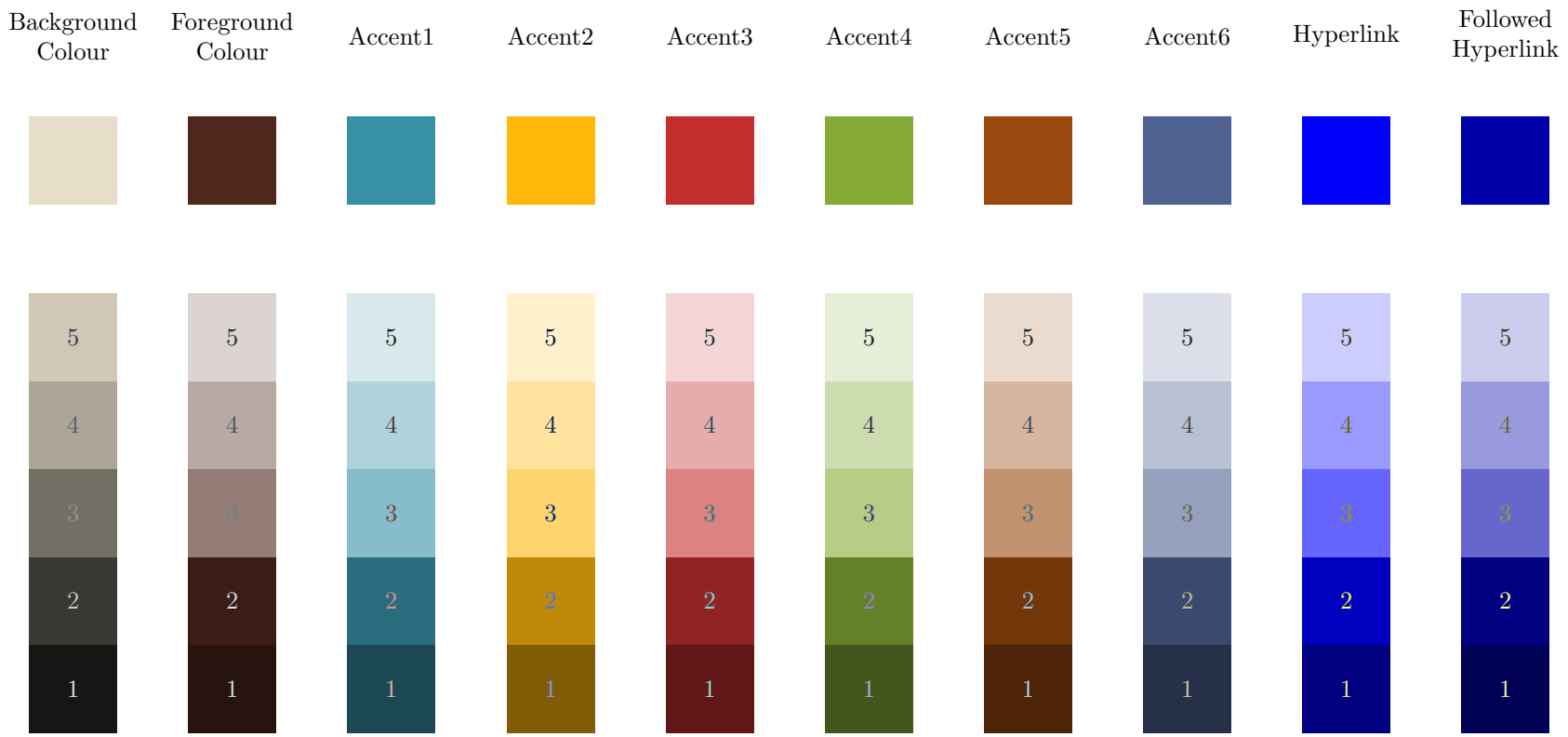
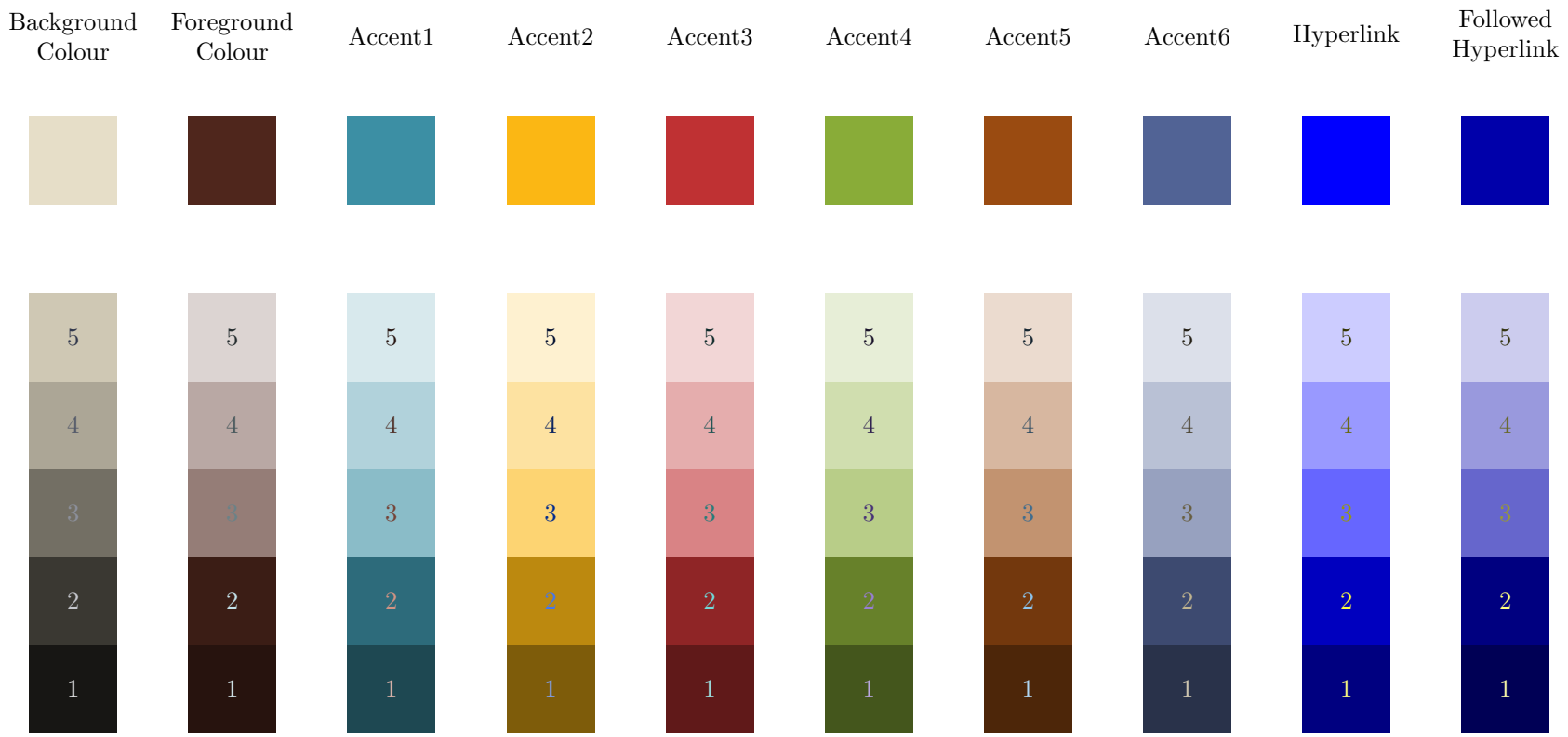
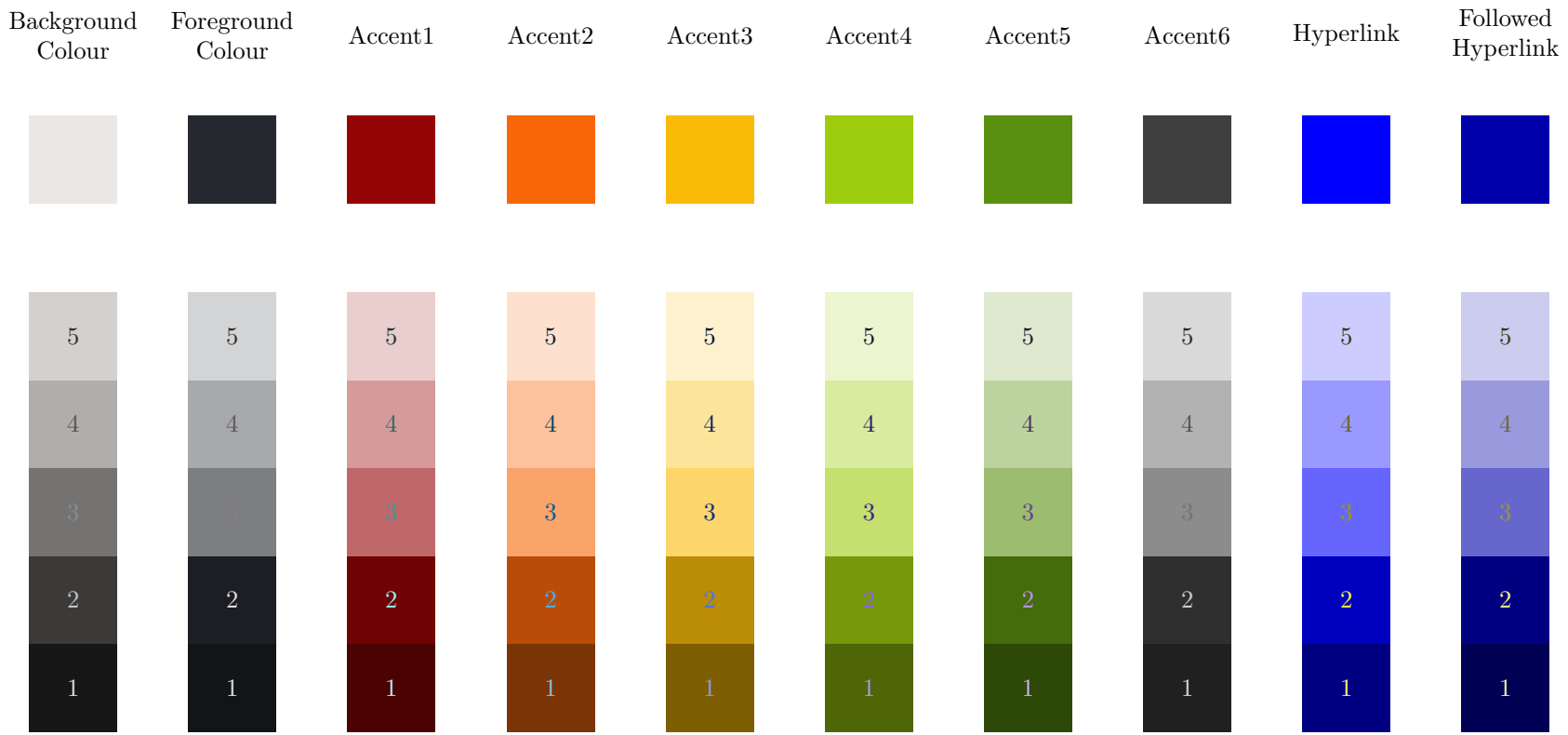
3.62 solsctice



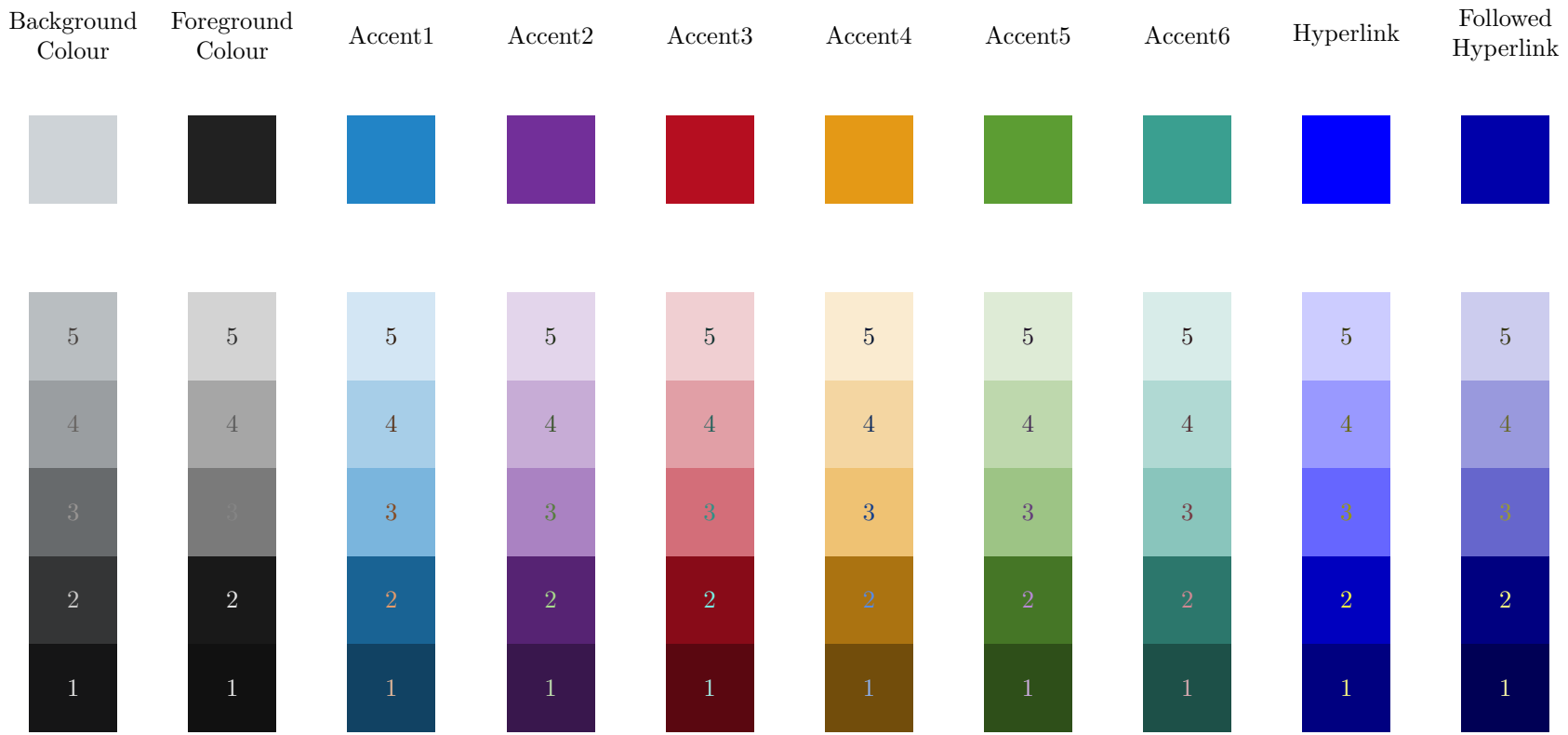
3.63 `solstice`



3.64 spectrum



3.65 `story`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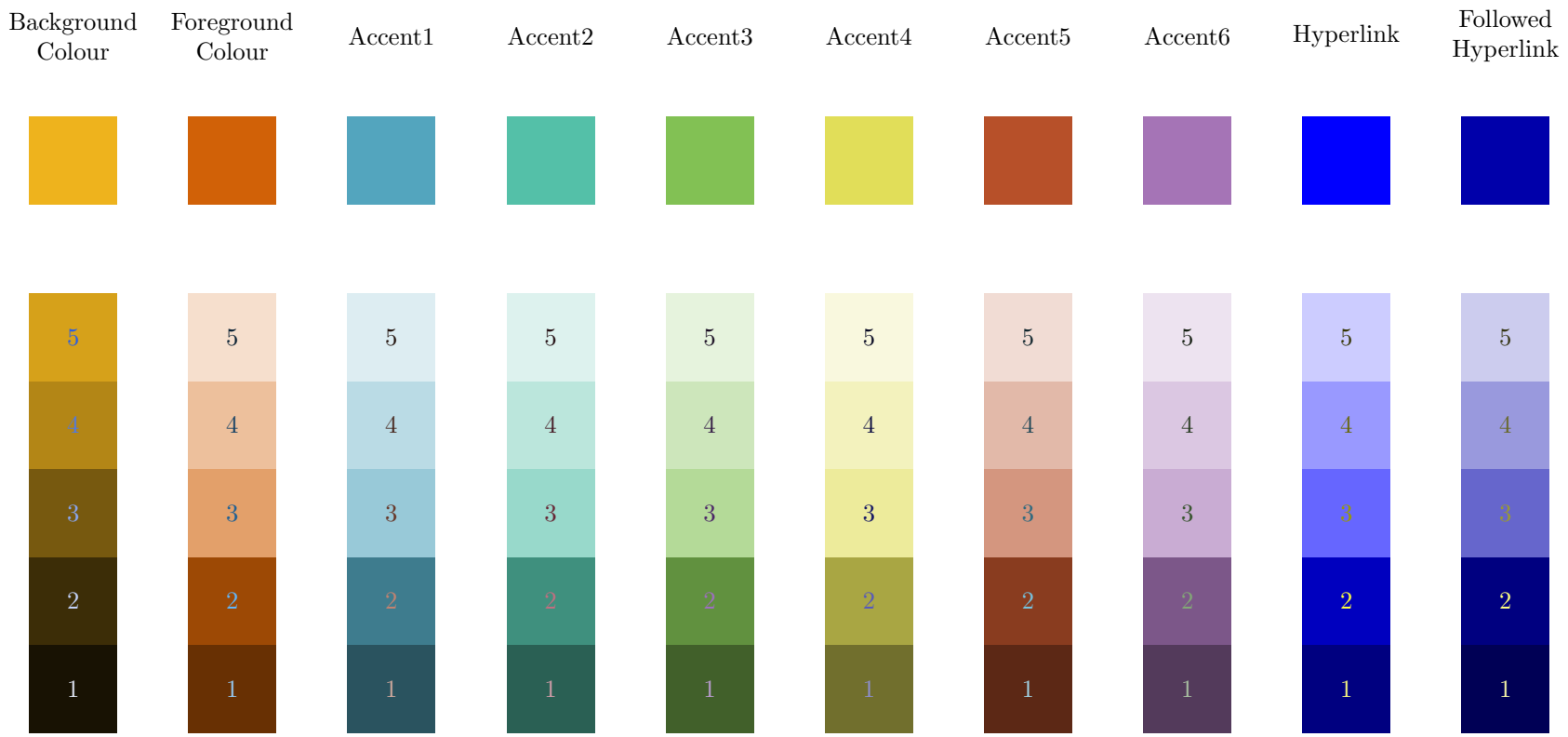
3.66 summer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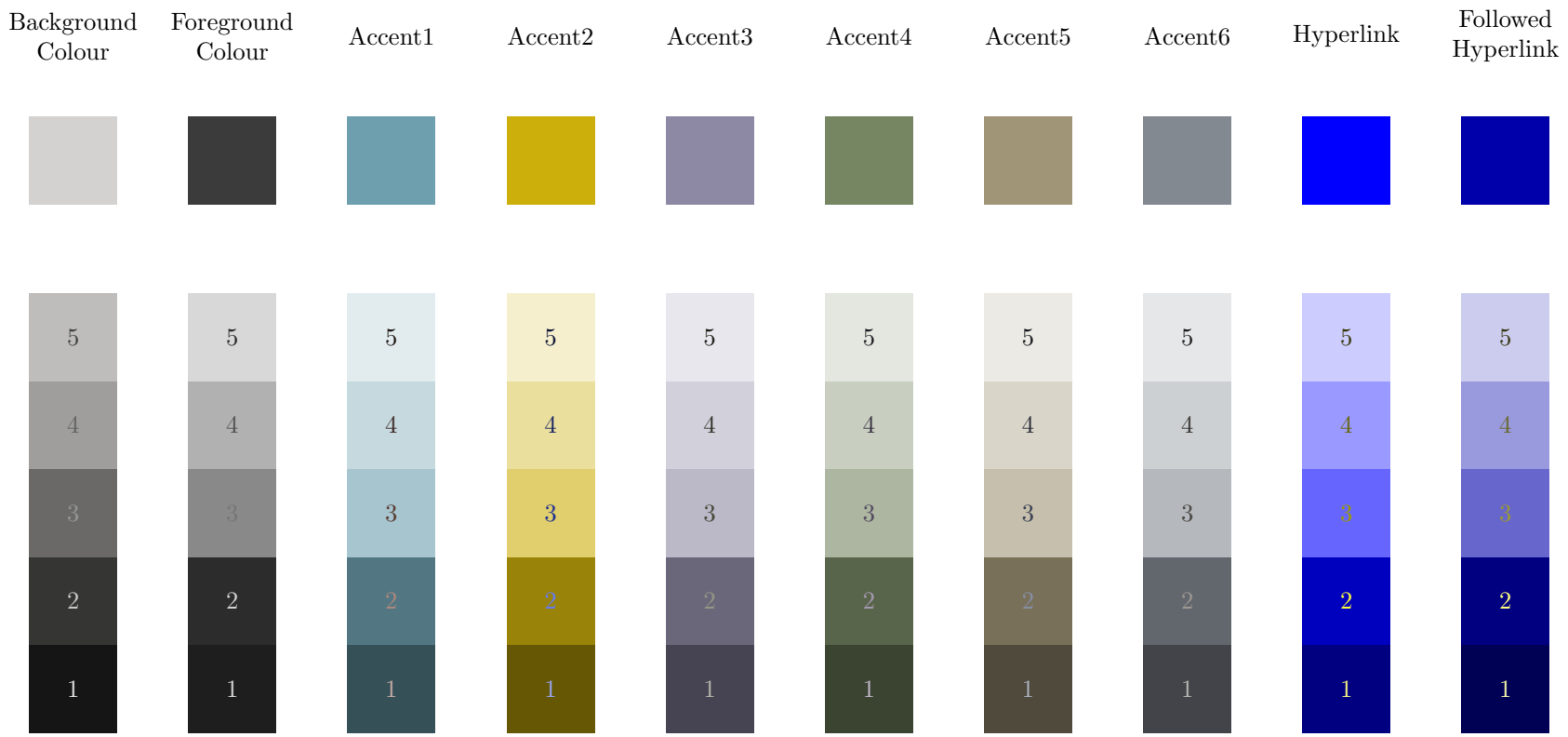
3.67 technic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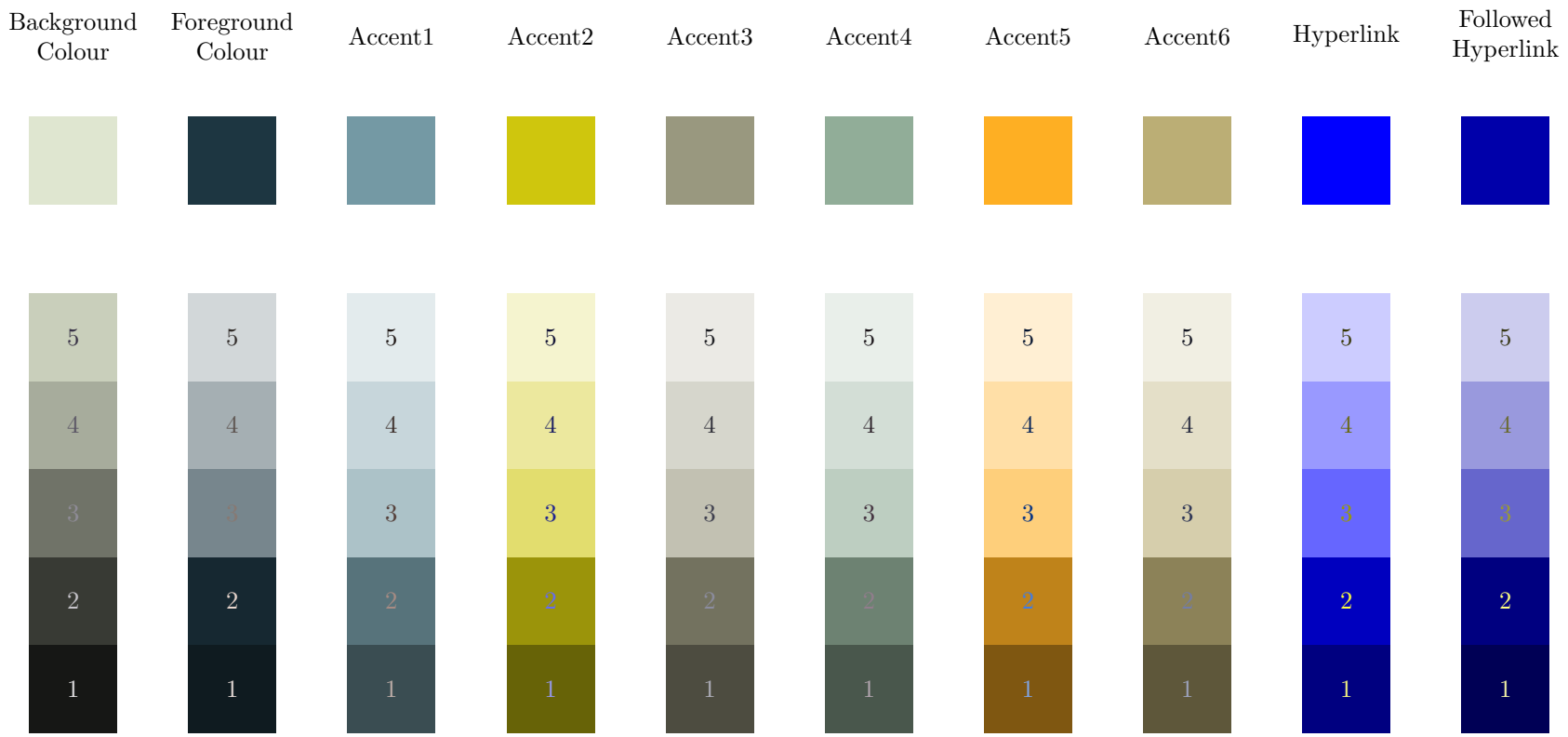
3.68 thatch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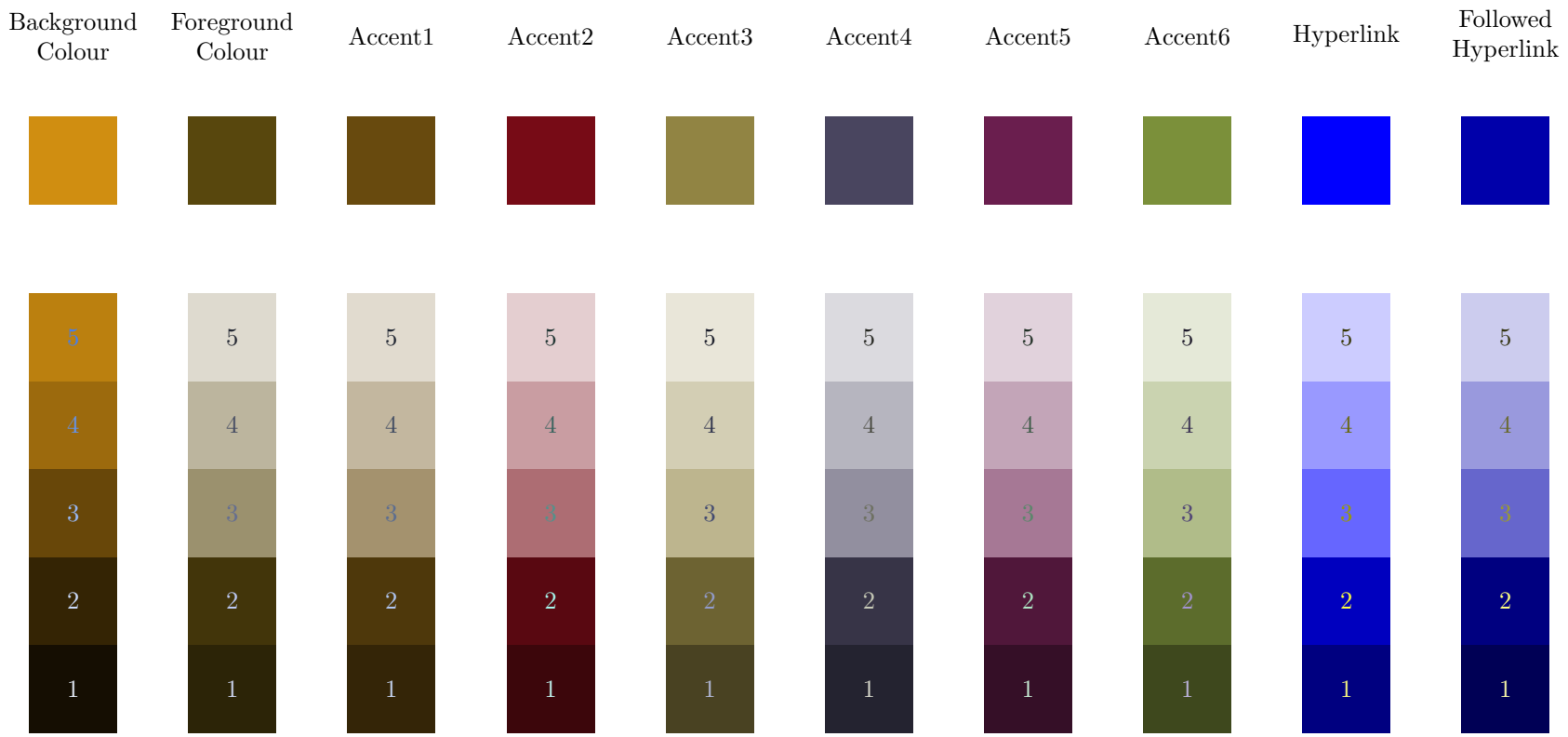
3.69 tradition



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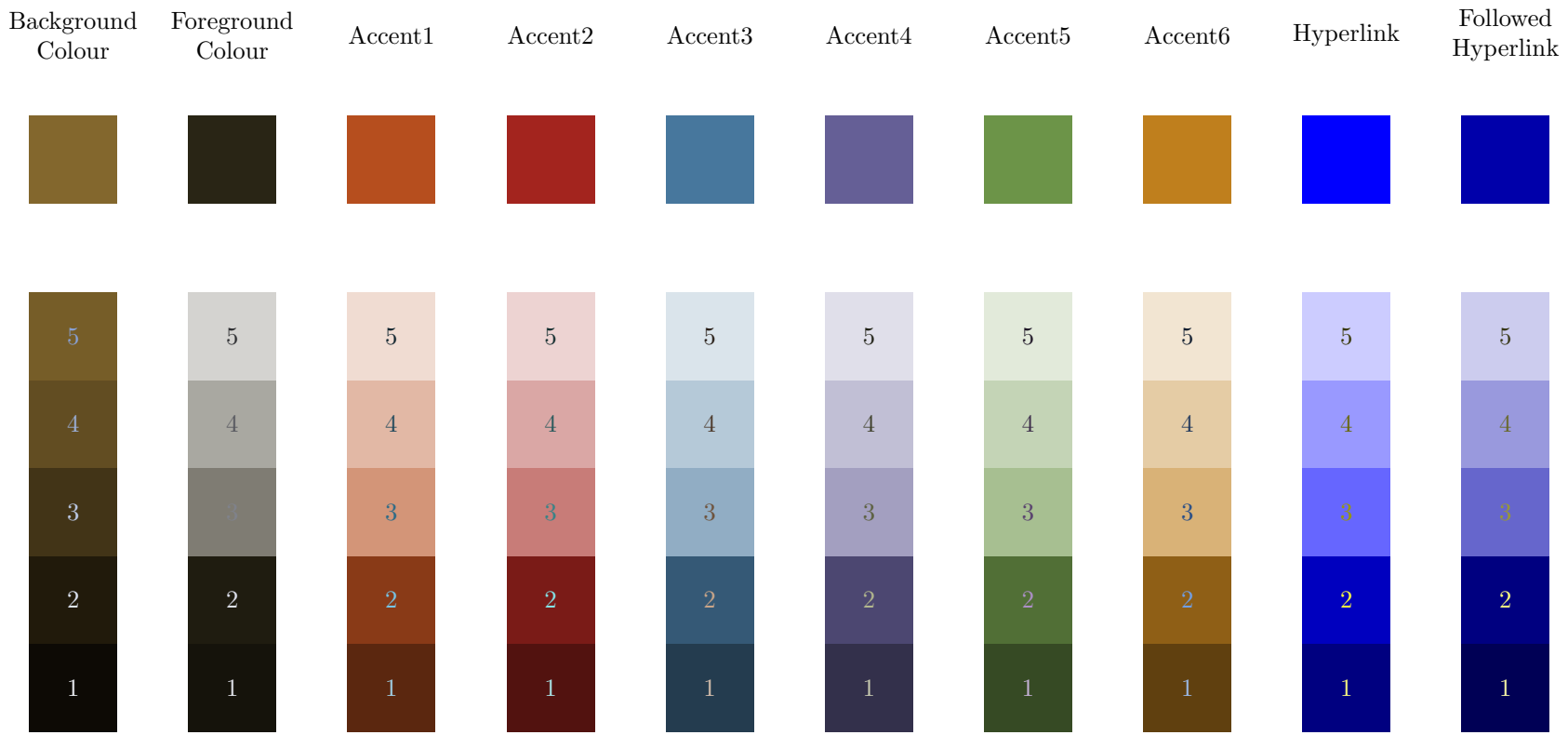
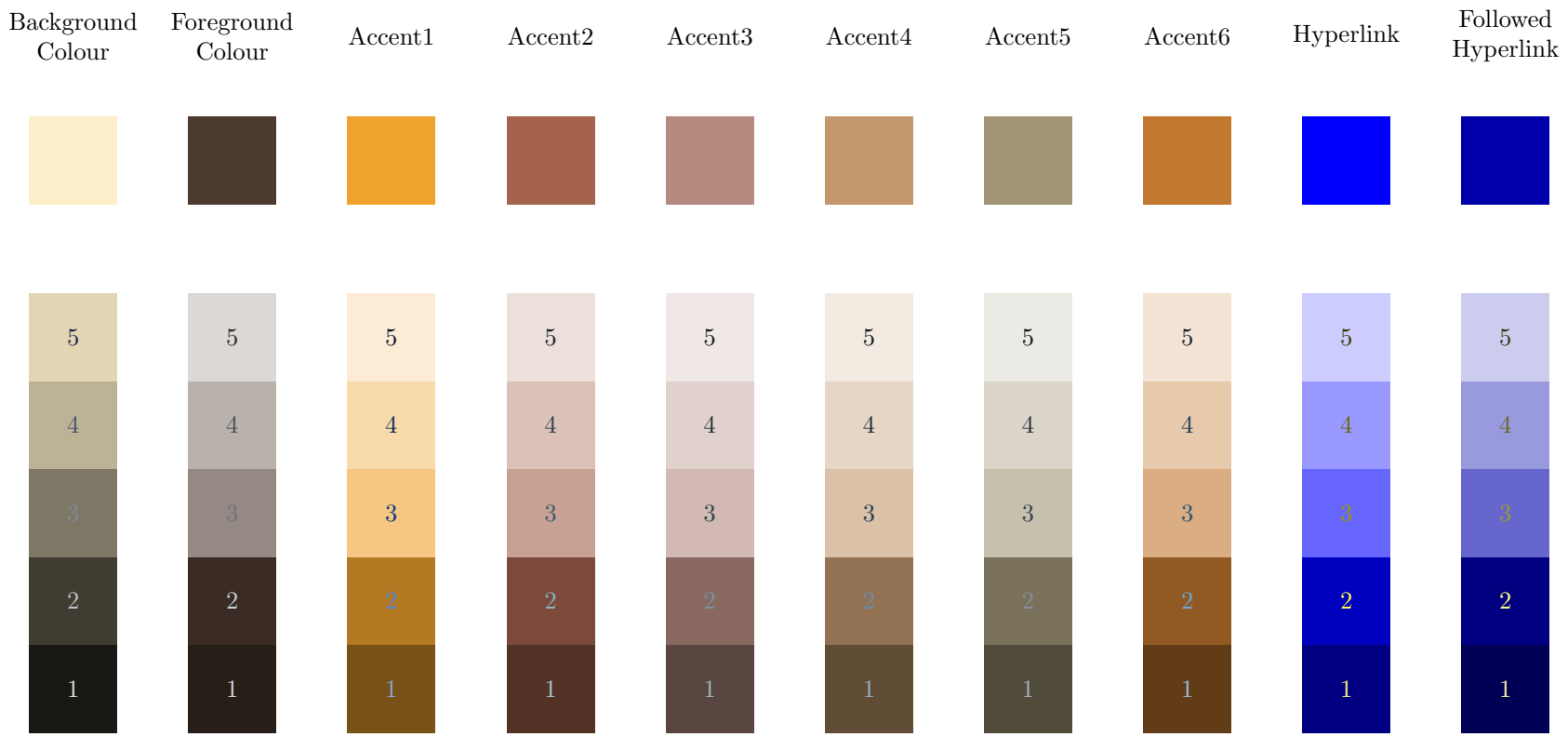


3.71 trek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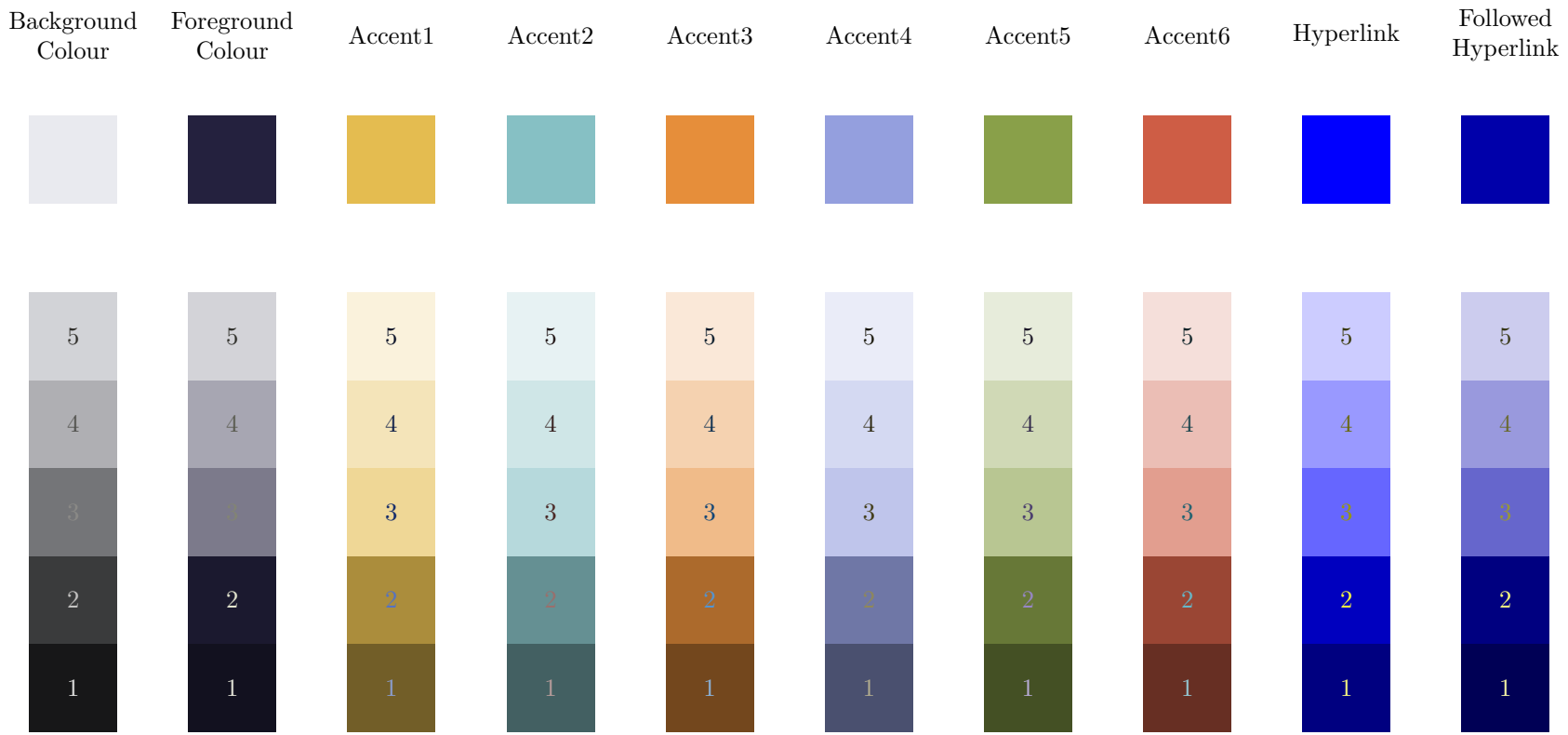
3.72 `twilight`



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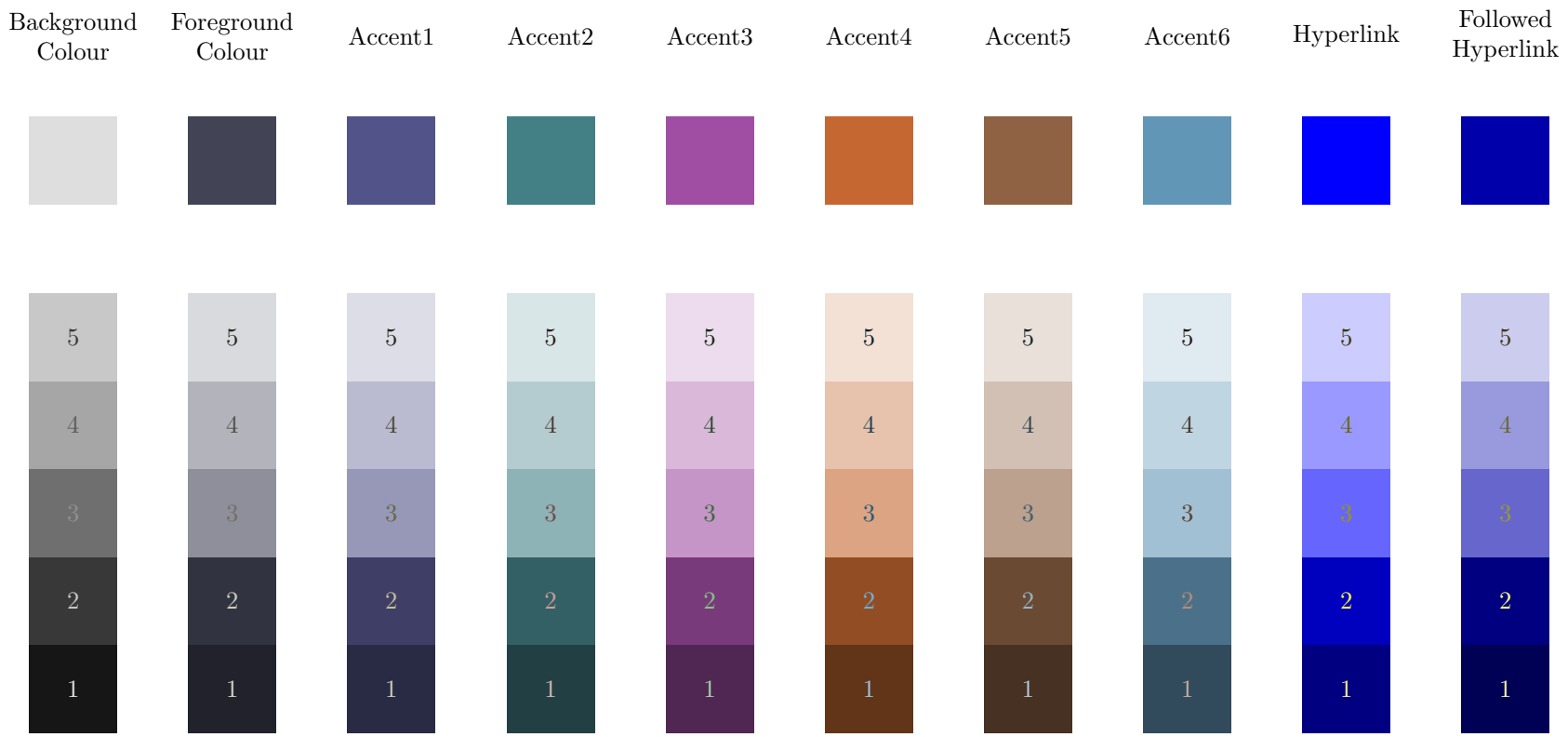
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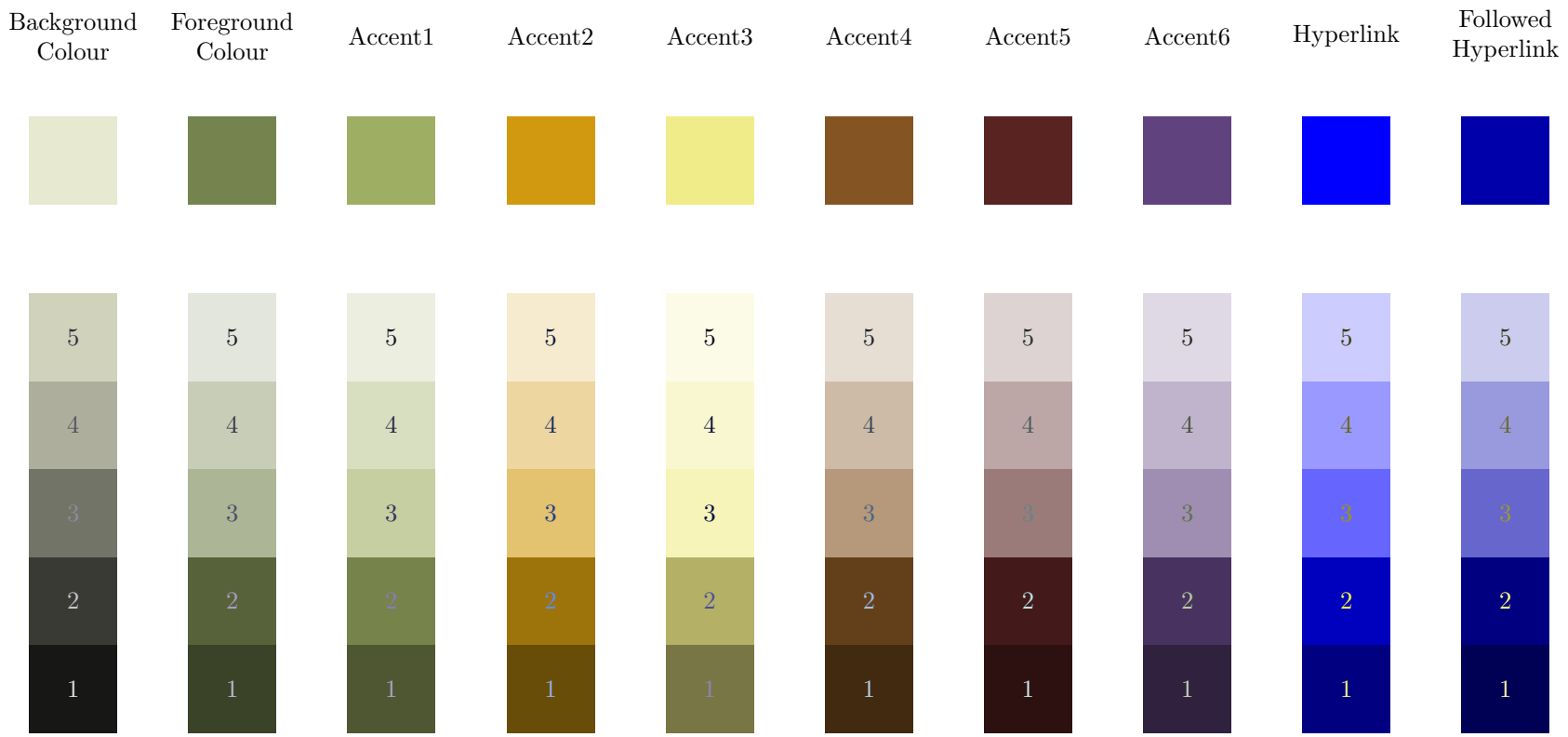
3.74 venture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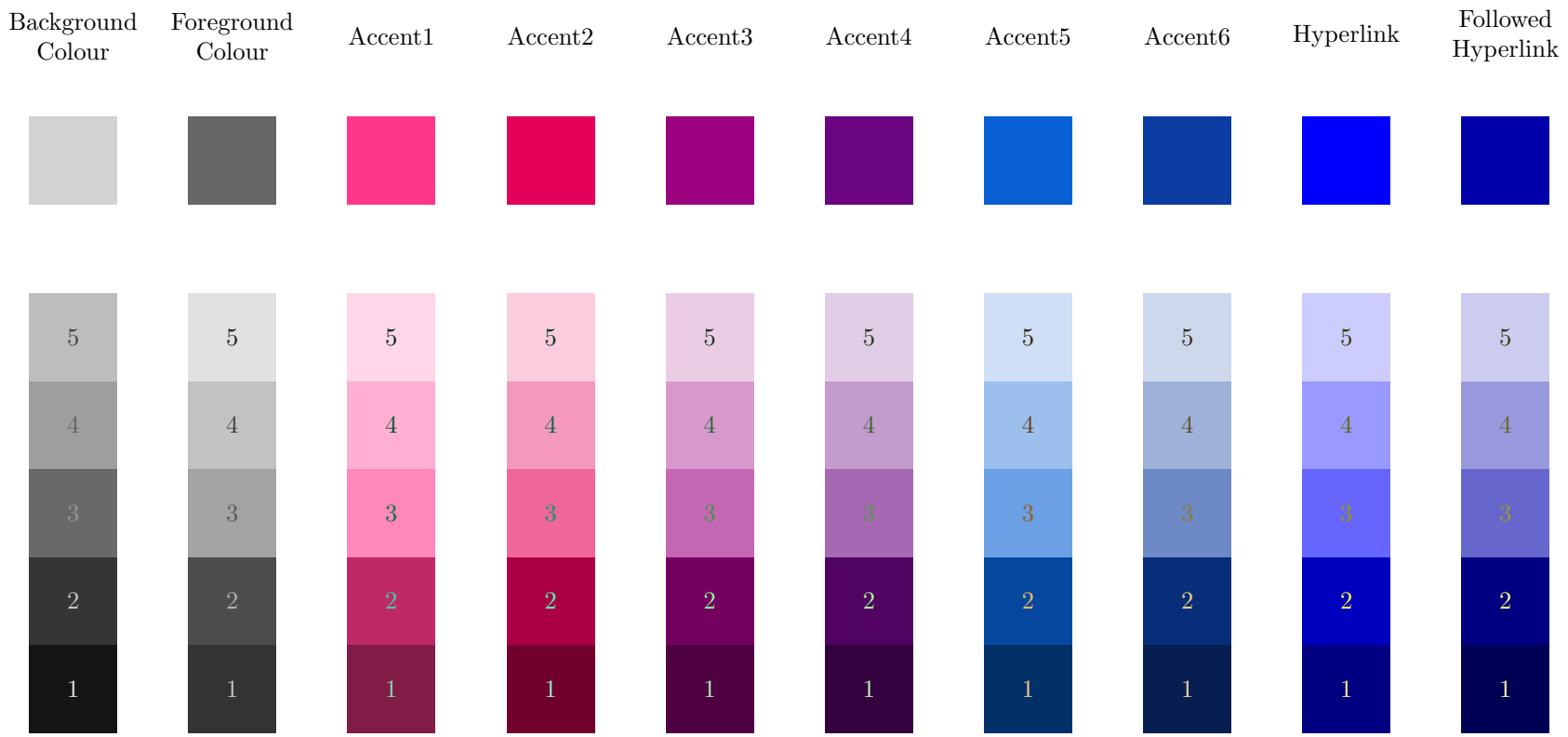
3.75 verve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3.76 violet

Background Colour
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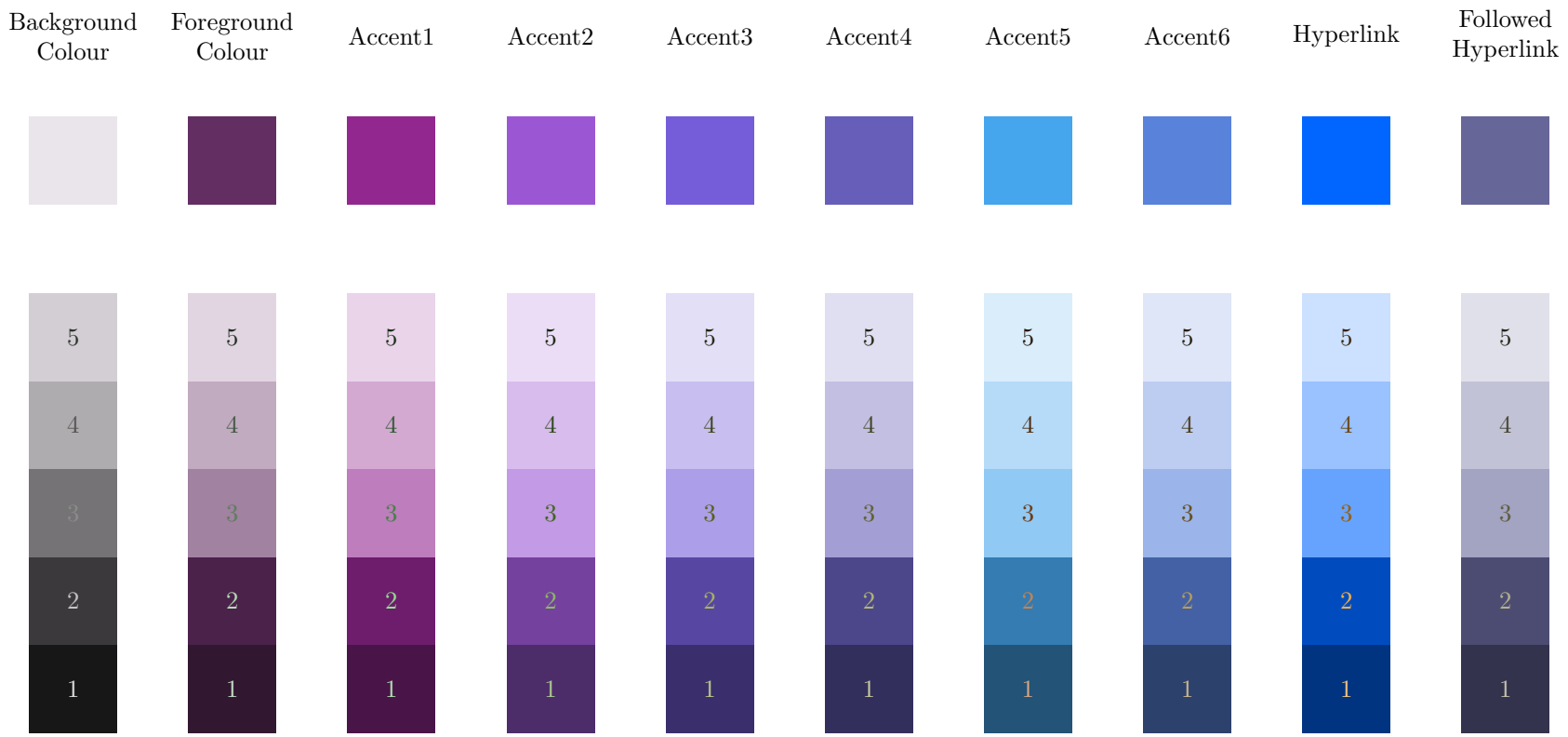
3.77 violet_ii



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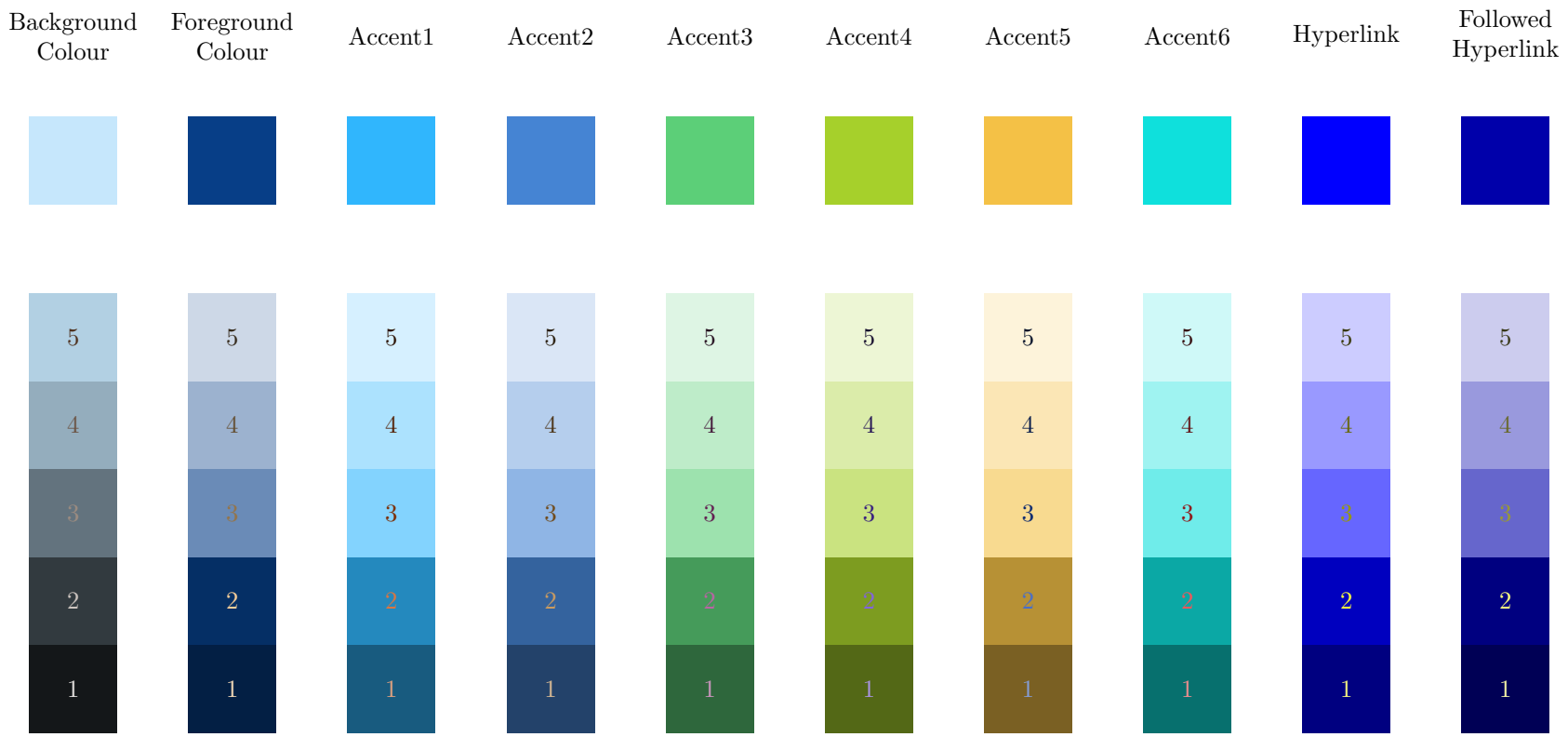
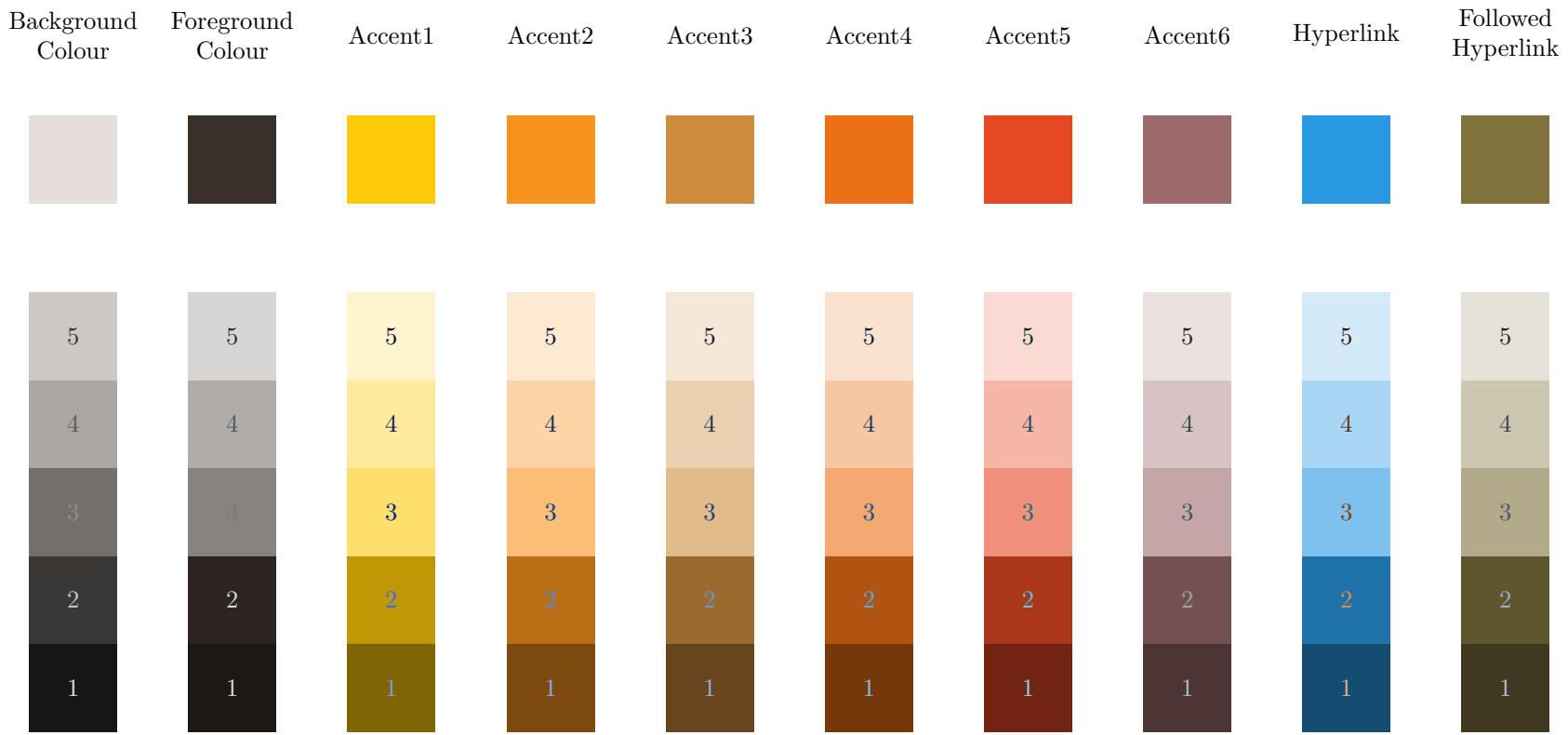


3.79 yellow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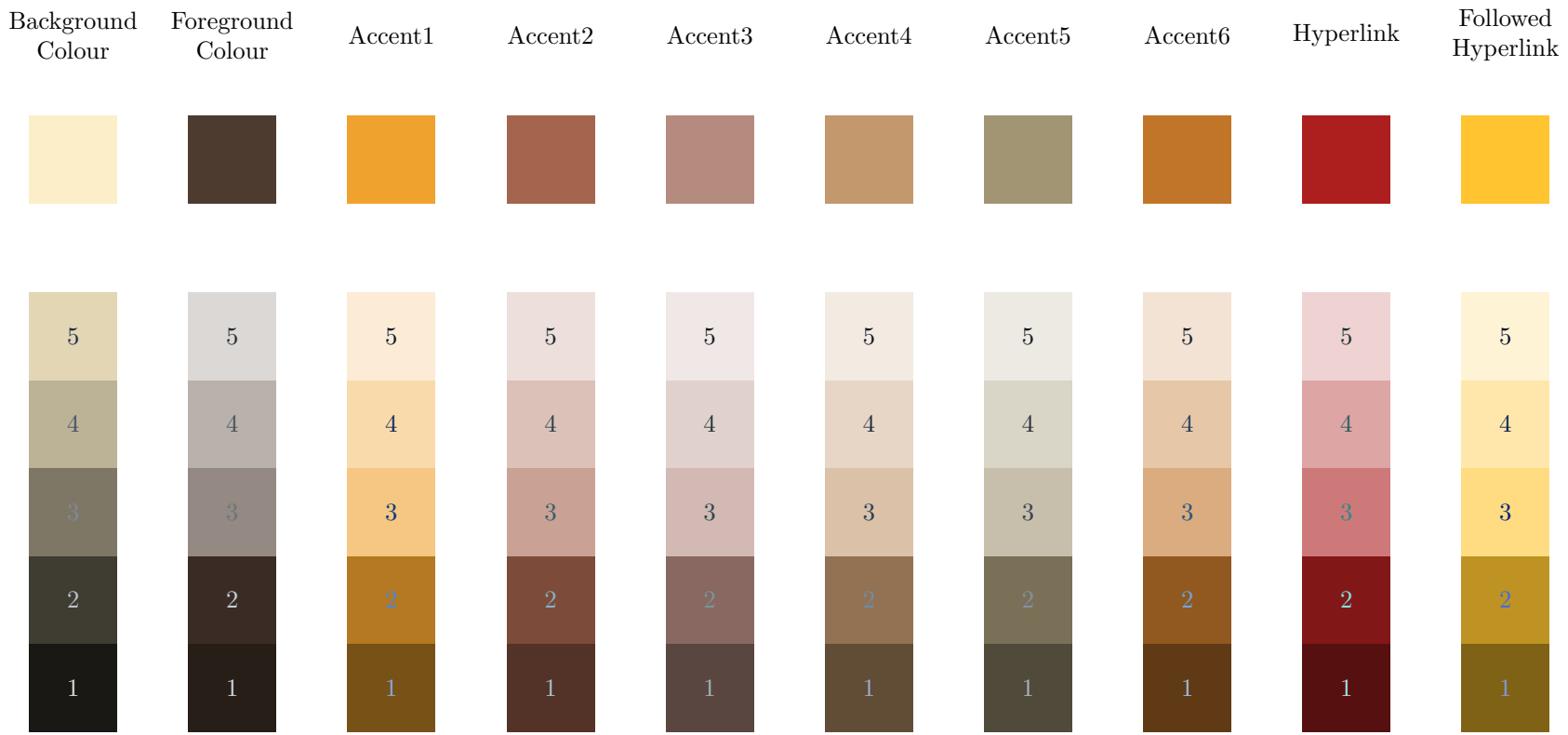
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