

Color Proposal

2022 LIVE STYLE GUIDE

Context

BAM designers and UI developers are working together to create a BAM-wide design system for our products, which will be integrated across existing design and development tools like Adobe XD and OutSystems. This initiative uses the Atomic Design methodology for design systems, in which all items are carefully crafted from the smallest piece - the atom - and built into increasingly complex components and layouts. As such, the project heavily relies on a hierarchy composed of five distinct levels: pieces, components, patterns, widgets, and layouts.

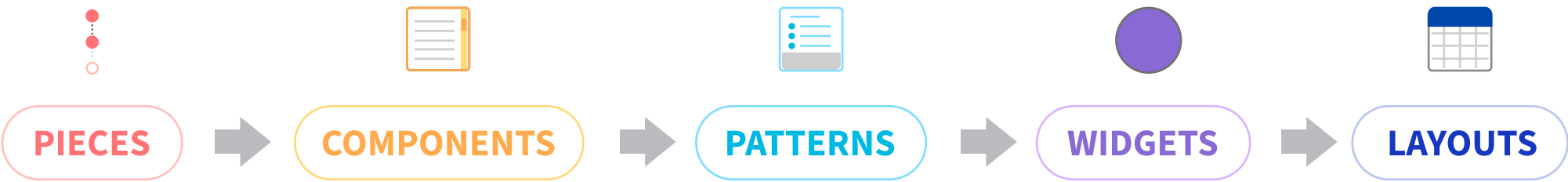
It is crucial that BAM designers and developers understand the differences between these hierarchical levels to effectively utilize the design system. In addition, designers and developers must be able to efficiently differentiate list items based on their corresponding hierarchical level (and other qualitative characteristics) in the Adobe XD library, live style guide, and OutSystems environments.

Context

Every item in the design system will have a corresponding image and icon for use in the library, style guide site, and OutSystems environments. The custom icons have been color-coded based on their hierarchical level to further communicate this classification to users. However, these colors pose issues for users with certain types of color blindness and may need additional instances of implementation to be an effective educational tool.

This proposal includes the following:

- alternative color palettes representing hierarchy levels
- proposed guidelines for differentiating components within the live style guide and Adobe/OutSystems softwares



v1.0 colors used

Proposed Live Style Guide Implementation

These colors should be incorporated across the Live Style Guide to continue fostering understanding by designers and developers and solidify their meaning. The following items document various methods for educating users on this color-coded hierarchy, all of which may be used in combination if desired.

1 Bird's Eye View Infographic

A technical visual that breaks down the hierarchy levels and their relation to one another should be created and made available via Teams and on the Live Style Guide site. This visual should include the characteristics of each level and how they are related.

2 Framework Site Page

The live style guide should include a page providing information about the atomic design foundation of the design system and explaining the terminology and taxonomies used. This page can be linked to in the primary navigation of the site, as well as from mentions of the taxonomies.

3 Titles & Tagging

Color should be used as a compliment to other methods of conveying the hierarchical levels of design system elements. Text labels and/or tags should accompany instances of colored icons whenever possible. For example, list items presented in the online style guide which display colored icons should also include a text label or tag of the associated level name (e.g., Piece, Component)

PIECES

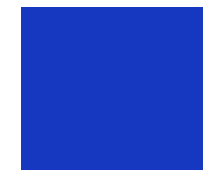
COMPONENTS

PATTERNS

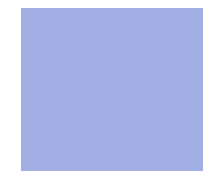
WIDGETS

LAYOUTS

v.1



proposed v.2



DEUTRANOPIA

PROTONOPIA

TRITANOPIA

V1

V2

V1

V2

V1

V2

PIECES

COMPONENTS

PATTERNS

WIDGETS

LAYOUTS

PIECES

COMPONENTS

PATTERNS

WIDGETS

LAYOUTS

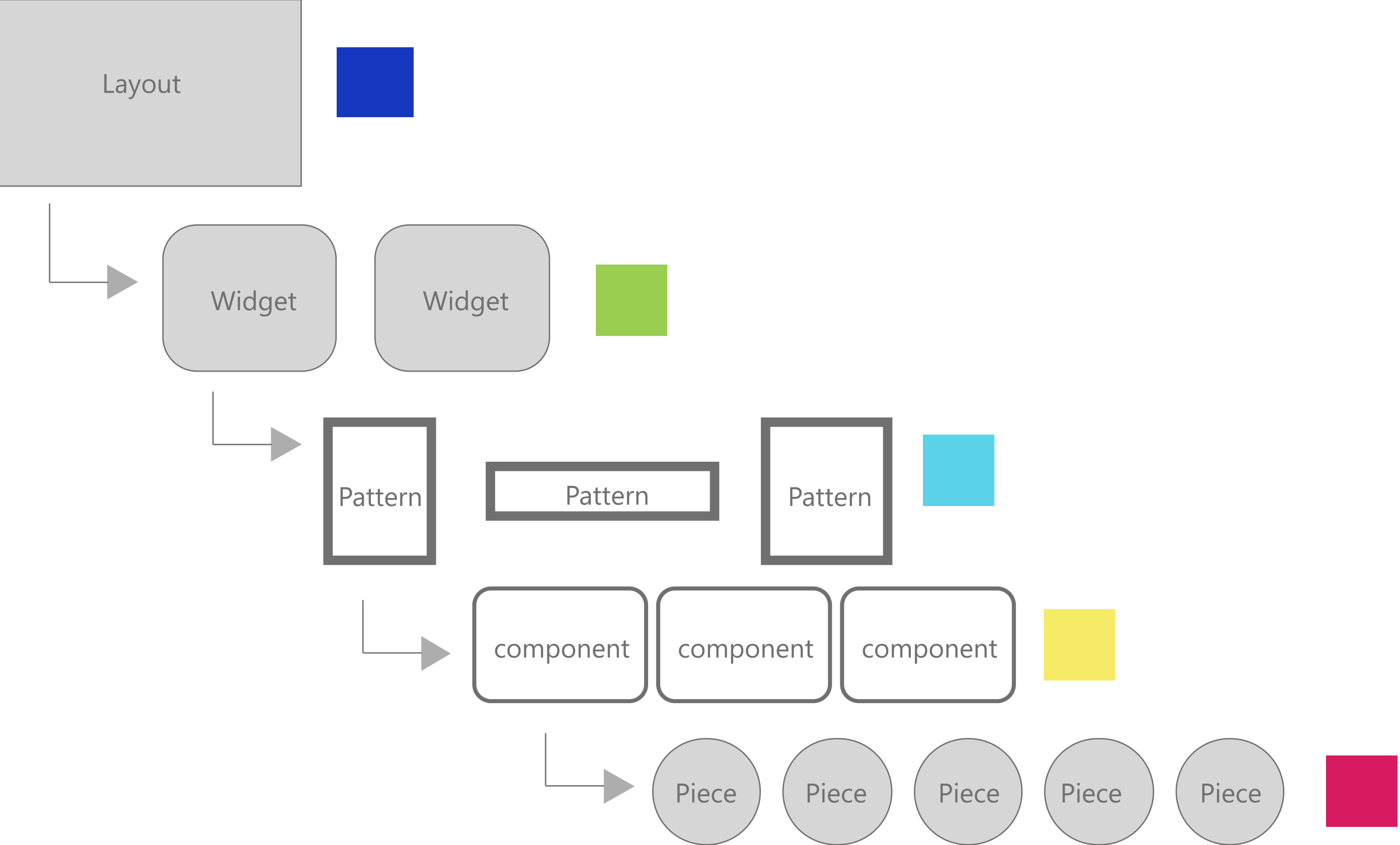
PIECES

COMPONENTS

PATTERNS

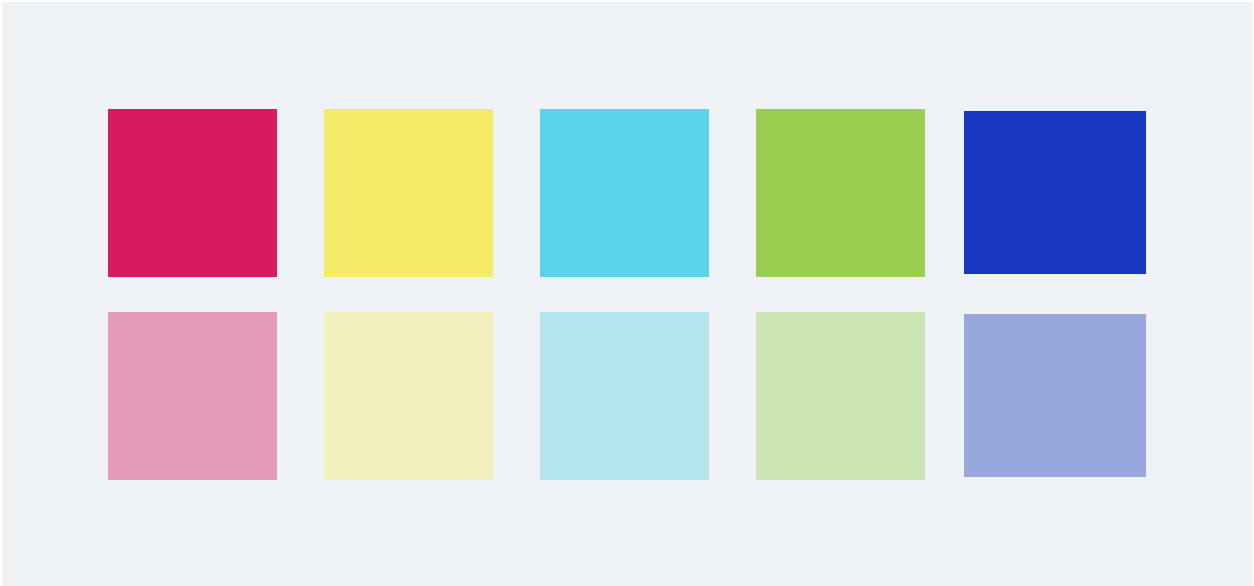
WIDGETS

LAYOUTS



Developer Experience Considerations

The newly proposed colors must be legible against all OutSystems Service Studio themes, including light and dark modes.



v2.0 colors against OutSystems Service Studio theme colors

