

# Compagnonnage, CSS & Vexillologie

# Tim Carry

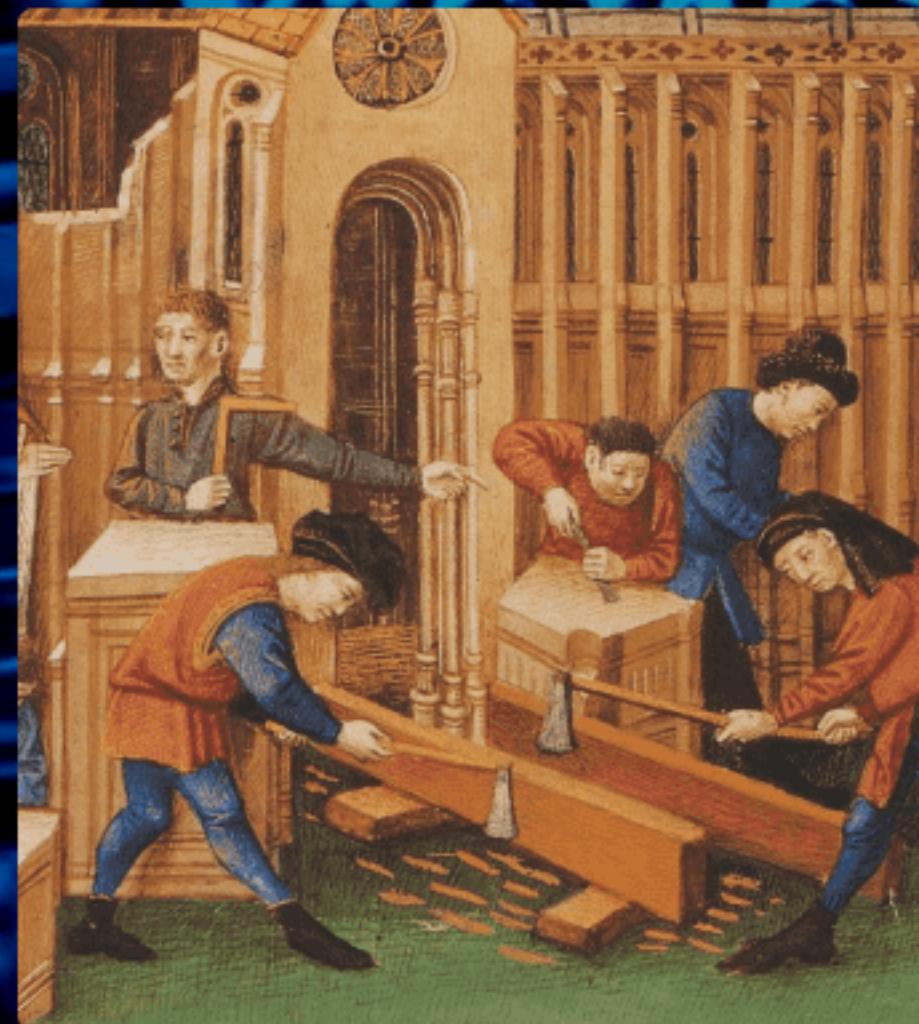


@pixelastic



# Compagnonnage

# Compagnons



Artisans  
Guildes  
Haute qualité  
Disciples / Maîtres  
Règles

# Chef-d'œuvre



1. apprentissage
2. découverte
3. perfectionnement
4. maîtrise

```
10 color: $header-color;  
11 height: $header-height;  
12 width: 100%;  
13 z-index: $header-z-index;  
14 }  
15  
16 .c-header__title {  
17 display: block;  
18 float: left;  
19 font-size: 2rem;  
20 padding-left: 1rem;  
21 height: $header-height;  
22 line-height: $header-height;  
23 margin: 0;  
24 a {  
25 color: white;
```

CSS

```
10 color: $header-color;  
11 height: $header-height;  
12 width: 100%;  
13 z-index: $header-z-index;  
14 }
```

```
15
```

```
16 .c-header {  
17   display: flex;  
18   float: left;  
19   font-size: 2rem;  
20   padding-left: 1rem;  
21   height: $header-height;  
22   line-height: $header-height;  
23   margin: 0;  
24   a {  
25     color: white;
```

*Faire l'ensemble des drapeaux  
des pays du monde en CSS*

```
10 color: $header-color;  
11 height: $header-height;  
12 width: 100%;  
13 z-index: $header-z-index;  
14 }
```

```
15
```

```
16 .c-header {  
17   display: flex;  
18   float: left;  
19   font-size: 1em;  
20   padding-left: 1em;  
21   height: $header-height;  
22   line-height: $header-height;  
23   margin: 0;  
24   a {  
25     color: white;
```

*Faire l'ensemble des drapeaux  
des pays du monde en CSS  
avec un seul <div> par drapeau.*

# vexillologie

# Étude des drapeaux

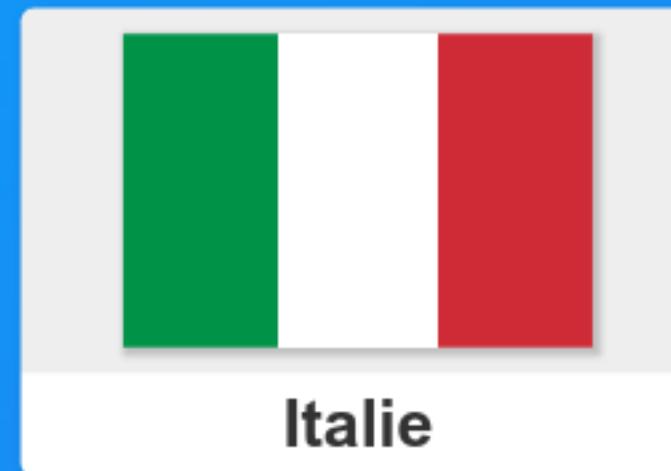
Nouveau monde  
Vocabulaire  
Couleurs  
Histoire



# Tricolores



France



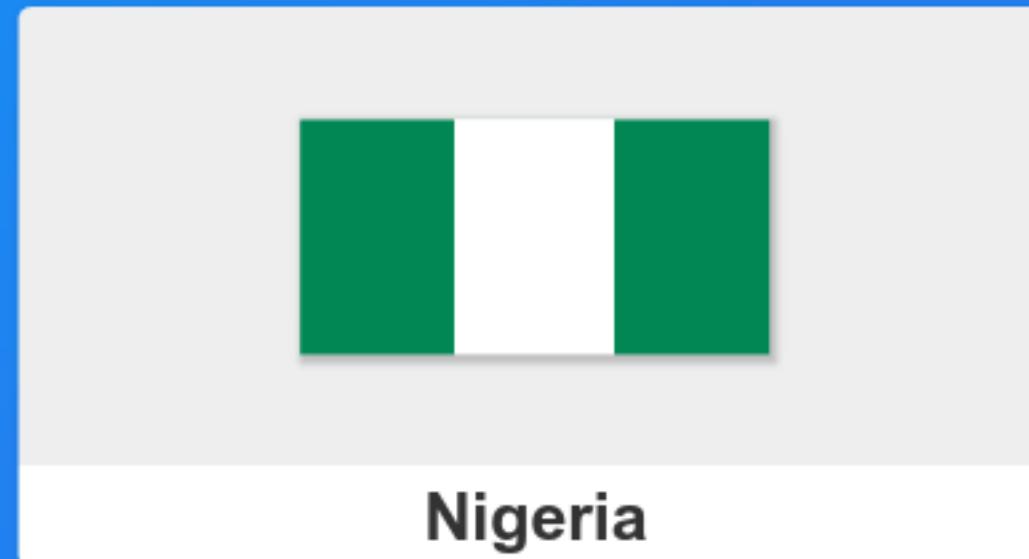
Italie



Pérou



Belgique



Nigeria

# France

```
width: 100px;  
background: white;  
border-left: 100px solid blue;  
border-right: 100px solid red;
```



# Variations



Irlande



Côte d'Ivoire



Roumanie



Guinée



Mali



Tchad

# Tribandes / Bibandes



Hongrie



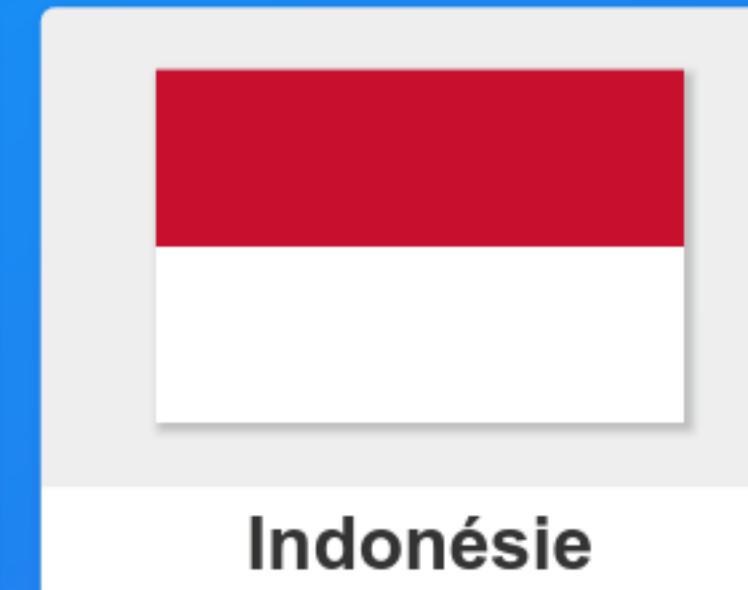
Pays-Bas



Colombie



Ukraine



Indonésie

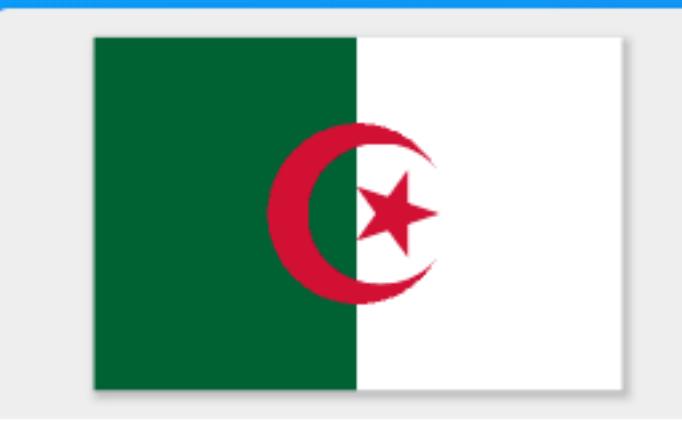


Monaco

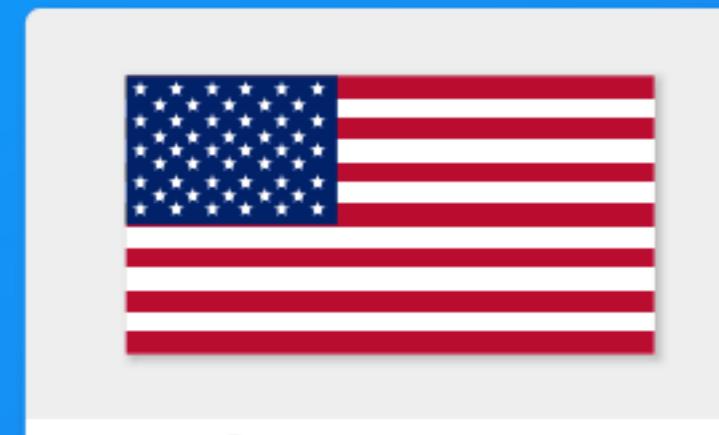
YOU ARE NOW LEAVING  
COMFORT  
ZONES

A thin, winding orange line starts at the bottom left and curves upwards and to the right, suggesting a path or road. It has a rough, textured appearance with irregular edges and some small white dashes along its length.

# Vrais drapeaux



Algérie



États-Unis



Nouvelle Zélande



Corée du Sud



Macédoine



Bosnie-Herzégovine

# Plus de bandes



Île Maurice



Botswana



Gambie



Thaïlande



Costa Rica

# linear-gradient

```
background-image:  
  linear-gradient(90deg, blue, purple);  
}
```

# linear-gradient

```
background-image:  
  linear-gradient(90deg,  
    blue 0%, purple 50%,  
    orange 50%, yellow 100%);  
)
```

# linear-gradient

```
background-image:  
    linear-gradient(90deg,  
                    blue 0%, blue 50%,  
                    orange 50%, orange 100%);  
)
```

# Île Maurice

```
background-image:  
  linear-gradient(180deg,  
    red 0%,           red 25%,  
    blue 25%,         blue 50%,  
    yellow 50%,       yellow 75%,  
    green 75%,        green 100%  
  )
```



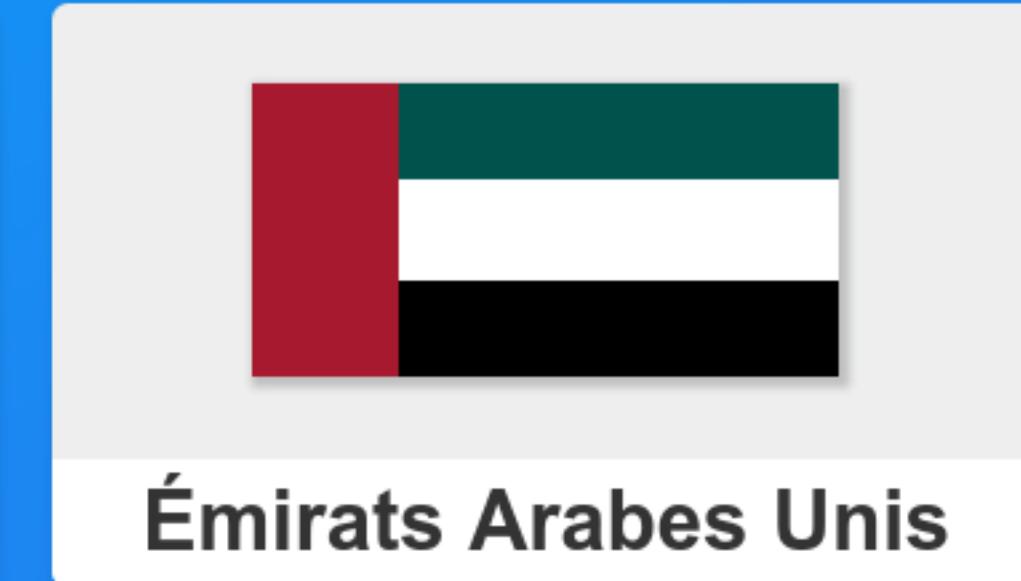
# Superposition



Bénin



Madagascar



Émirats Arabes Unis

```
// Bénin
background-image:
  linear-gradient(90deg, green 0px, green 88px, transparent 88px),
  linear-gradient(180deg, yellow 0px, yellow 50%, red 50%, red 100%);
```

# Croix Nordiques



Suède



Finlande



Danemark



Norvège

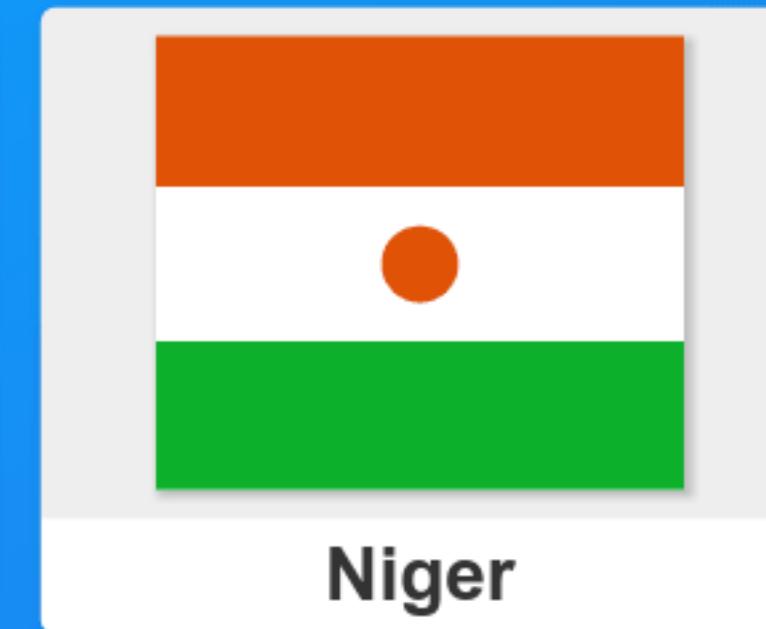


Islande

# Cercles



Japon



Niger



Laos



Bangladesh



Palaos

# Japon

```
background-color: white;  
background-image:  
radial-gradient(  
  circle at 110px 74px,  
  red 44px,  
  transparent 44px  
)
```



# Étoiles



Viêt Nam



Birmanie



Cameroun



Liberia



Corée du Nord



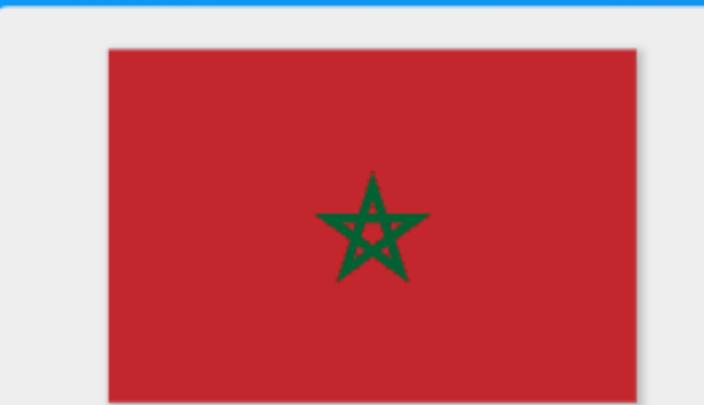
Ghana

# Việt Nam

```
&:before {  
    // BLACK STAR (U+2605)  
    content: "★";  
    color: yellow;  
    position: absolute;  
    top: 30px;  
    left: 66px;  
    font-size: 88px;  
    line-height: 88px;  
}
```



# Symboles



Maroc



Israël



Canada



Liban



Albanie



Angola

# Police spéciale

```
@font-face {  
    font-family: "Symbols";  
    src: url("../fonts/Symbols.woff");  
    [...]  
}
```

# U+E000 – U+F8FF



# Plusieurs symboles



Honduras



Venezuela



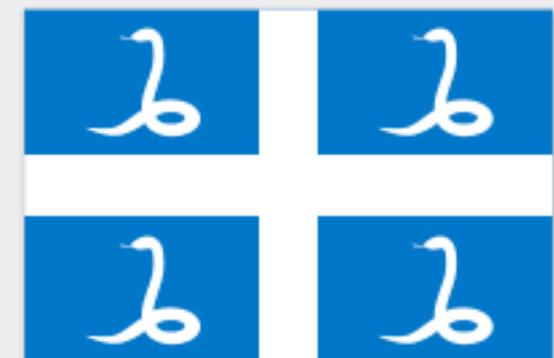
Cap Vert



Micronésie



Georgie



Martinique

# text-shadow

# MiXiT

```
text-shadow: 0.1rem 0.1rem 0.5rem black;
```

# text-shadow

# MiXiT

# MiXiT

text-shadow:

```
5rem -3rem 0.2rem red,  
-8rem -2rem 0.8rem white,  
9rem 2rem 0.8rem yellow
```

text-shadow

MixiT

MixiT

MixiT

MixiT

text-shadow:

```
5rem -3rem 0px white,  
-8rem -2rem 0px white,  
9rem 2rem 0px white
```

# Honduras

```
&:before {  
    content: "★";  
    color: blue;  
    top: 48px;  
    left: 103px;  
    text-shadow:  
        36px 9px 0px blue,  
        36px -9px 0px blue,  
        -36px 9px 0px blue,  
        -36px -9px 0px blue;  
}
```



# Croissants



Mauritanie



Libye



Malaysie



Singapour



Tunisie



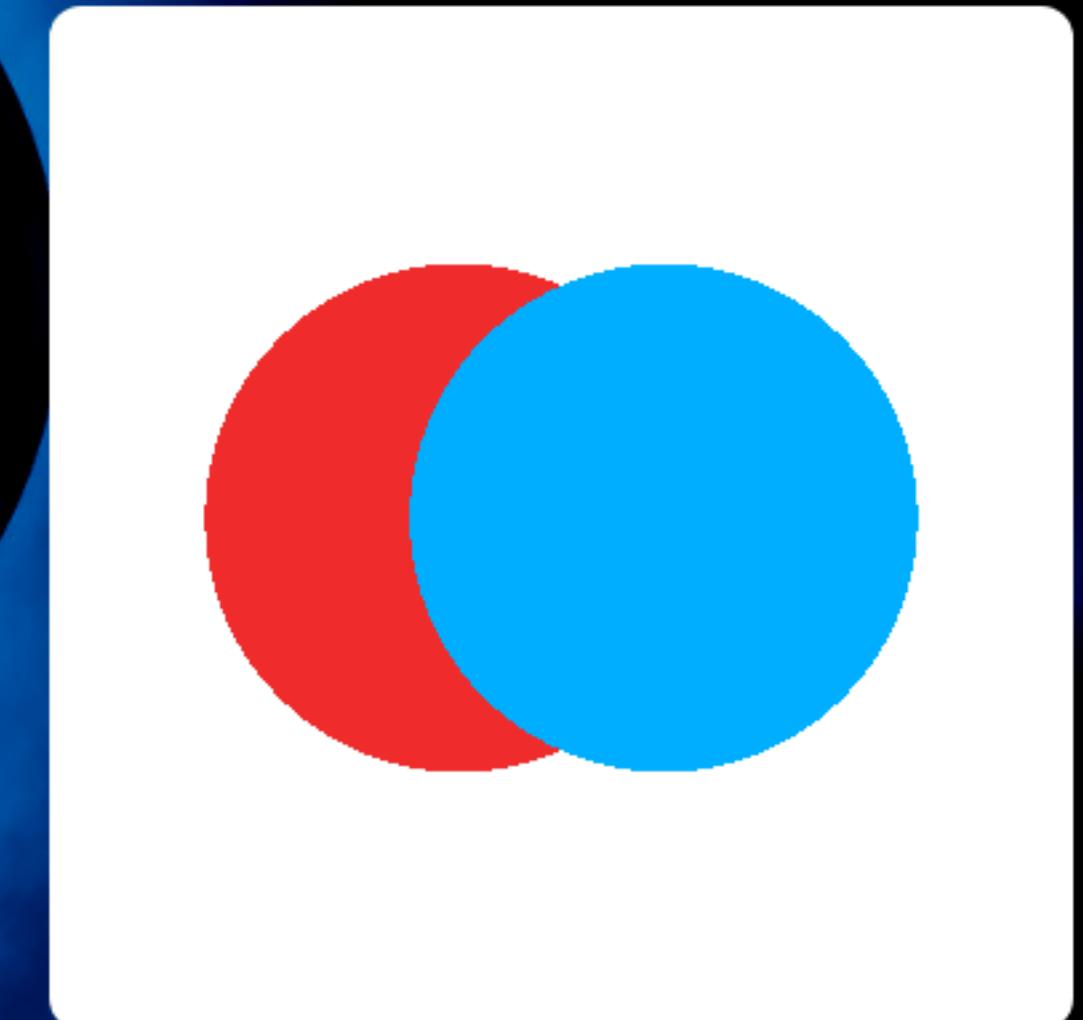
Turquie

# Éclipse



# Éclipse

```
background-image:  
    radial-gradient(circle at 60% 50%,  
                    blue 2rem, transparent 2rem),  
    radial-gradient(circle at 40% 50%,  
                    red 2rem, transparent 2rem);
```



# Mauritanie

```
background-color: green;  
background-image:  
radial-gradient(  
  circle at 110px 41px,  
  green 45px,  
  transparent 45px  
) ,  
radial-gradient(  
  circle at 110px 55px,  
  yellow 47px,  
  transparent 47px  
) ;
```



# Triangles



République Tchèque



Djibouti



Philippines



Comoros



Puerto Rico



Bahrain

# clip-path



# clip-path



```
clip-path: polygon(  
    50% 0%,  
    100% 38%,  
    82% 100%,  
    18% 100%,  
    0% 38%  
);
```



# République Tchèque

```
&:before {  
    display: block;  
    width: 110px;  
    height: 147px;  
    background-color: blue;  
    clip-path: polygon(0 0,  
        100% 50%,  
        0 100%  
    );  
}
```



# Népal



# Diagonales



Saint Kitts et Nevis



Érythrée



Guyane



Antigua et Barbuda

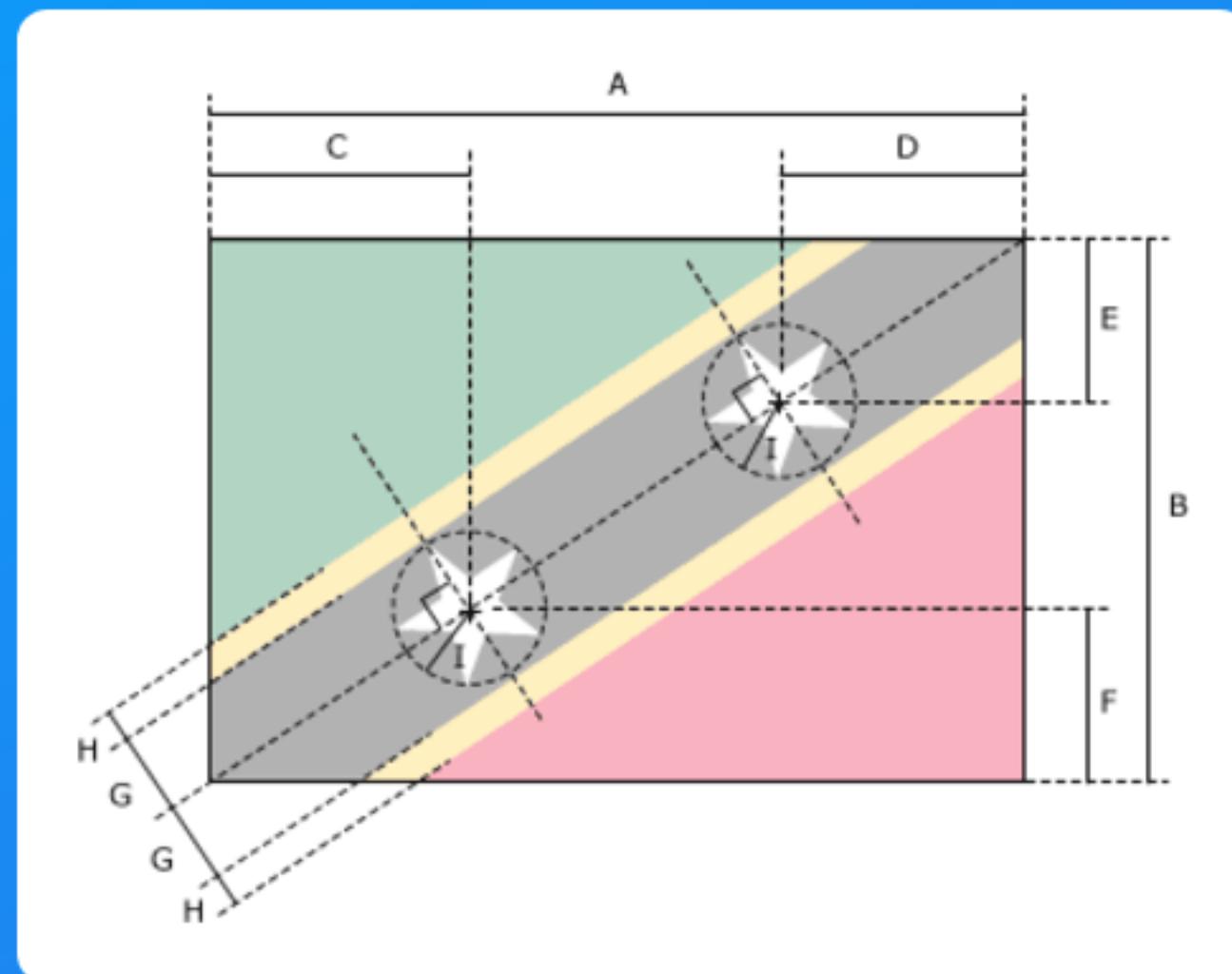


Seychelles



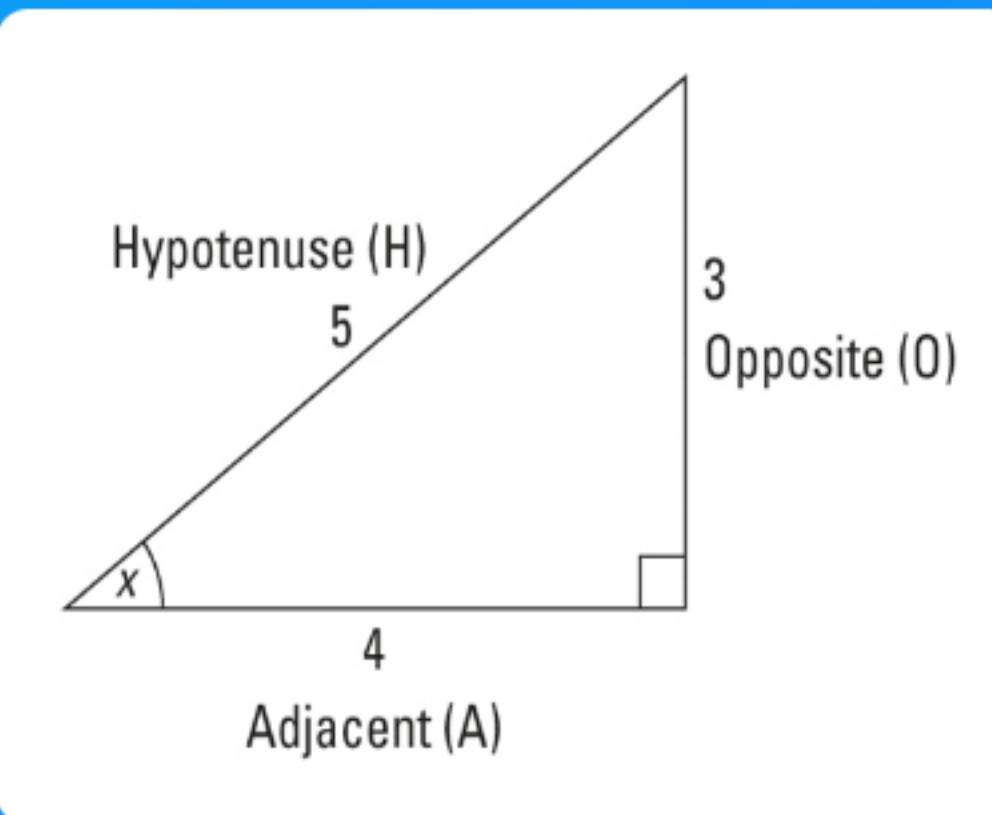
Îles Marshall

[uexilla-mundi.com](http://uexilla-mundi.com)



# Trigonométrie

## Pythagore



**SOHCAHTOA**



# SCSS

```
# Shell  
scss -r ./geometry_helper.rb input.scss
```

```
# Ruby  
module GeometryHelper  
  def cos(number)  
    Sass::Script::Number.new(Math.cos(  
      number.value * Math::PI / 180  
    ))  
  end  
end
```

```
// SCSS  
$red-stripe-size: cos($alpha) * $height;
```

# Royaume-Uni

# Union Jack



Écosse



Irlande



Angleterre



Royaume-Uni

# Commonwealth



Australie



Nouvelle Zélande



Niue

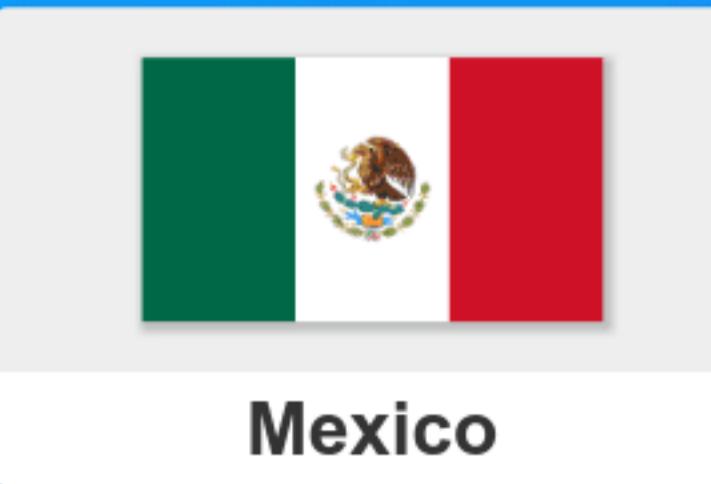


Îles Cook

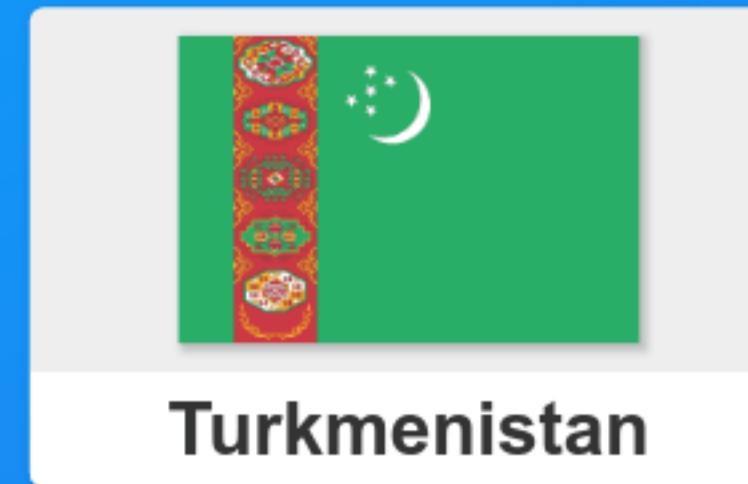


Tuvalu

# // TODO



Mexico



Turkmenistan



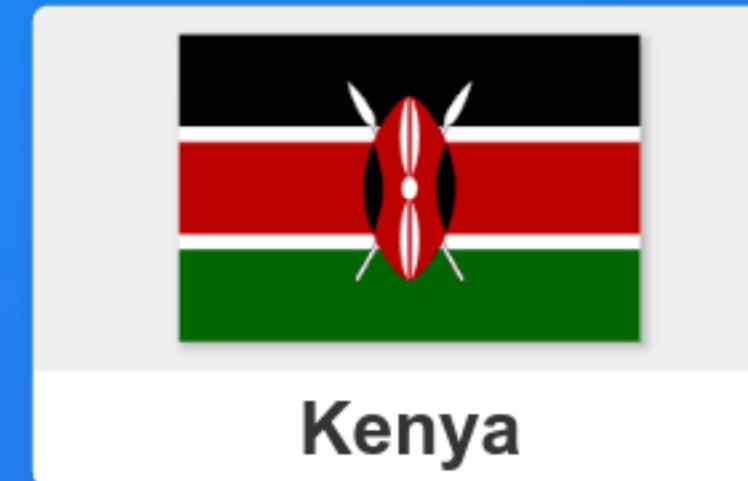
British Indian



Grenada

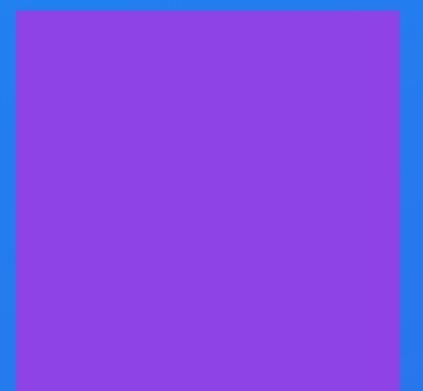
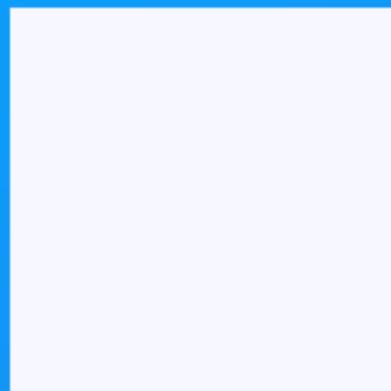


Cambodia



Kenya

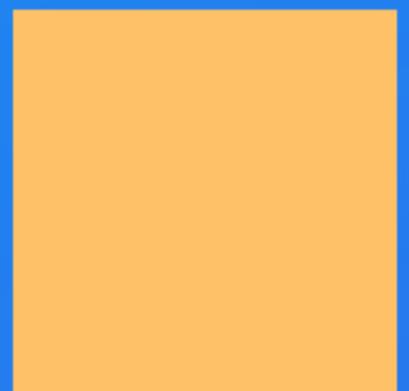
# box-shadow



box-shadow:

```
-10rem 1rem 0px white,  
11rem 2rem 0px purple,  
6rem -1rem 0px yellow;
```

# box-shadow

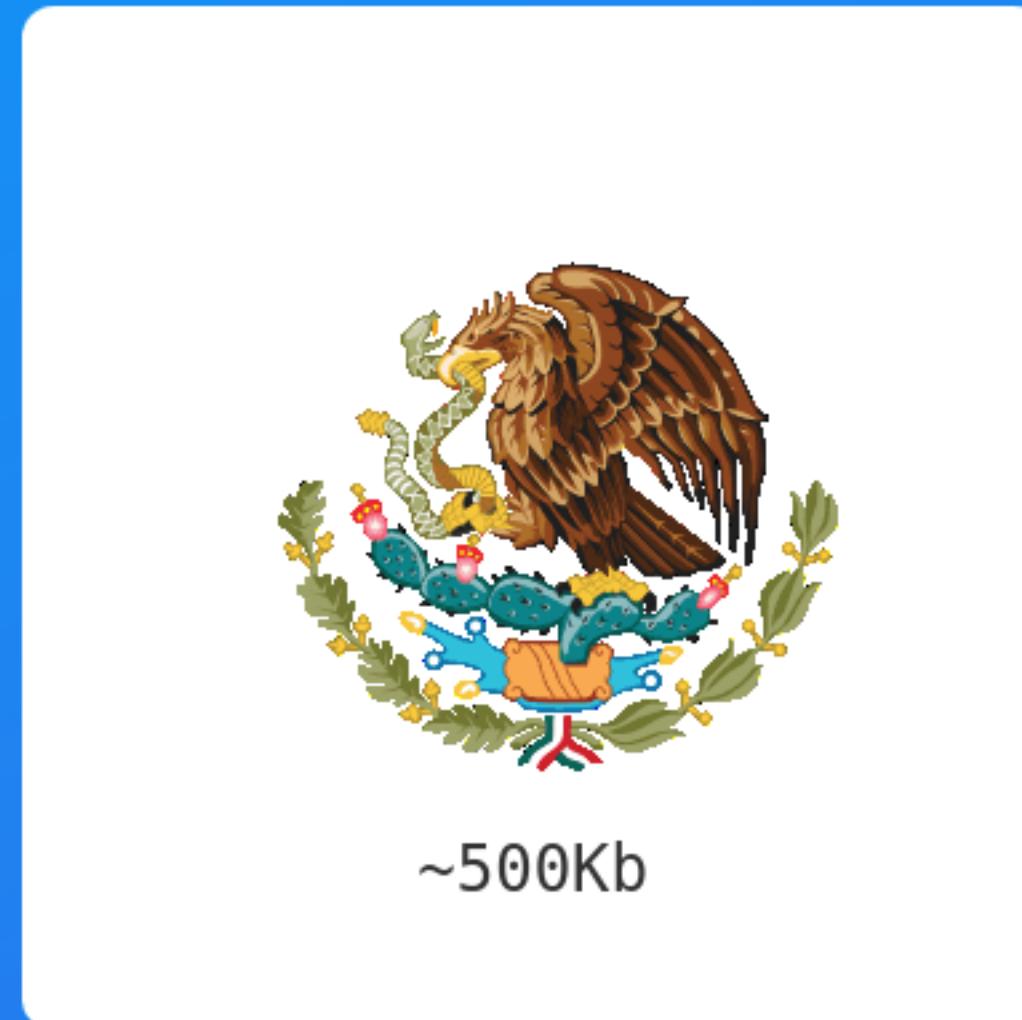


box-shadow:

```
8rem 4rem 0px white,  
11rem 4rem 0px purple,  
11rem 1rem 0px yellow;
```

# img2css

```
display: block;  
width: 1px;  
height: 1px;  
box-shadow: 106px 2px 0px #864320,  
           107px 2px 0px #8F4620,  
           108px 2px 0px #8F4620,  
           109px 2px 0px #8F4620,  
           110px 2px 0px #8F4620,  
           111px 2px 0px #8F4620,  
           112px 2px 0px #8F4620,  
           104px 3px 0px #8D4520,  
           105px 3px 0px #8F4620,  
           [...] x 20k
```



~500Kb

L'important n'est pas la destination,  
mais le **voyage**.

<https://pixelastic.github.io/css-flags/>

# CSS API Client

[www.algolia.com/css](http://www.algolia.com/css)



https://pixelastic.github.io/css-flags/

# Questions ?

**website**

**twitter**

**tim@pixelastic.com**

**email**



**algolia**