

Converting Colors

Hex(6FB776)

Have a look what the booklet for
Hex(6FB776) contains.

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Color

Hex(6FB776)

Conversions

Conversions Part 1

Format	Color
Hex	6FB776
RGB	111, 183, 118
RGB Percent	44%, 72%, 46%
CMY	0.5647, 0.2824, 0.5373
CMYK	0.39, 0.00, 0.36, 0.28
HSL	126°, 33%, 58%
HSV	126°, 39%, 72%
XYZ	26.7590, 38.5545, 23.1710
YIQ	154.0620, -22.0470, -35.4790

Conversions

Conversions Part 2

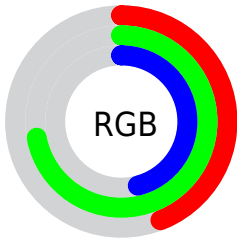
Format	Color
RYB	111, 177, 183
Decimal	7321462
CIELab	68.43, -36.21, 26.16
CIELCh	68, 44.668, 144.153
Yxy	38.5545, 0.3024, 0.4357
Android (android.graphics.Color)	4285511542 (0xFF6FB776)
YUV	154.0620, -17.7786, -37.7654
Hunter-Lab	62.0923, -31.7358, 21.3393

Details

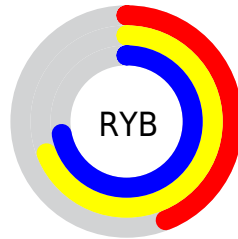
The Hex color **6FB776** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B76FB0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A5EFAB**, and **3A8145** is the 20% darker color. If you saturate the color by 10%, you get **5DB765**, and if you desaturate by 10%, it is **81B787**.

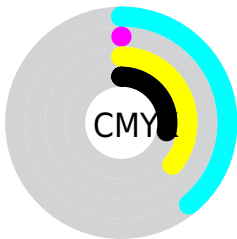
Distribution



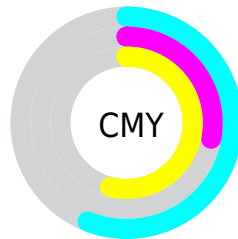
- Red (44%)
- Green (72%)
- Blue (46%)



- Red (44%)
- Yellow (69%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)



- Cyan (56%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FB776 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6FB776 by changing the saturation by 10% instead.

 6FB776

 6FB776

FFFFFF

 549C5D

 A5EFAB

 3A8145

 C2FFC6

 1D682E

 DEFFE2

 004F17

 FBFFFF

 003700

 002400

 000000

 6FB776

 6FB776

 5DB765

 81B787

 4AB755

 94B797

 38B744

 A6B7A8

 26B734

 B8B7B8

 14B723

 CBB7C9

 01B713

 DDB7D9

 00B712

 EFB7EA

 FFB7FA

 FFB7FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FAE5B



6FB776



27BB9D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6FB776



52ADF7



F38888

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6FB776



B76FB0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EE87B0



6FB776



9E9FF1

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6FB776



00B7E7



D290D7



E59367

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6FB776



00BCB9



D290D7



F48695

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6FB776



D1EDD3



B1B76F



677869



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6FB776



7EED89



6FB799



535C54



009C0F



001C03

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B76FB0



ED7EE2



B76F8D



5C535B



9C008C



1C0019

Previews

White Background



This preview shows how the Hex color 6FB776 looks on a white background.

Color Contrast Check

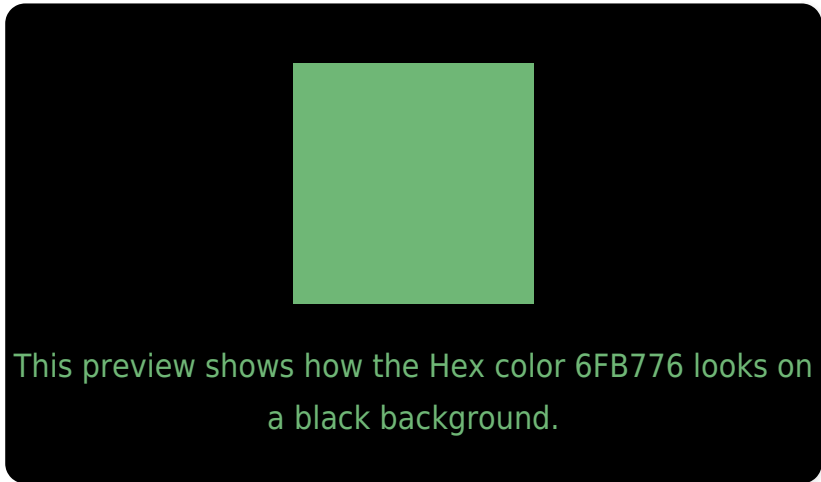
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

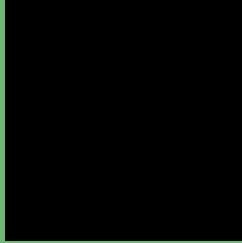
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6FB776 Background



This preview shows how black text looks on a background with the Hex color 6FB776.

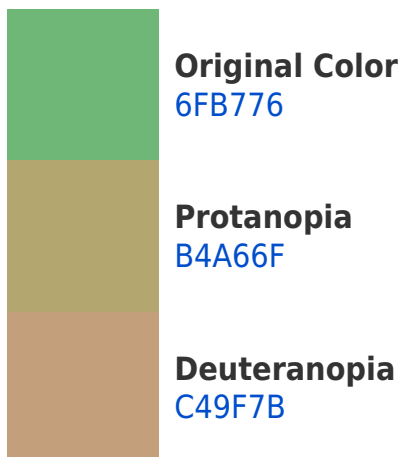


This preview shows how white text looks on a background with the Hex color 6FB776.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
6FB776



Protanomaly
9BAC72



Deuteranomaly
A5A879



Tritanomaly
78B1A3

Monochromacy



Original Color
6FB776



Achromatopsia
9A9A9A



Achromatomaly
8AA58D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FB776 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6FB776 looks like.

```
.text, #text, p{  
    color:#6FB776  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6FB776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB776  
}
```

Border

The CSS property to change the border of an element to Hex 6FB776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6FB776 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6FB776 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6FB776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB776; -webkit-box-shadow:4px 4px  
4px 4px #6FB776; box-shadow:4px 4px 4px  
4px #6FB776 }
```

Background

The CSS property to change the background color of an element to Hex 6FB776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB776 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6FB776 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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