

# Converting Colors

Hex(6FB176)

Have a look what the booklet for  
Hex(6FB176) contains.

<b>Hex(6FB176)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6FB176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FB176
RGB	111, 177, 118
RGB Percent	44%, 69%, 46%
CMY	0.5647, 0.3059, 0.5373
CMYK	0.37, 0.00, 0.33, 0.31
HSL	126°, 30%, 56%
HSV	126°, 37%, 69%
XYZ	25.5477, 36.1318, 22.7672
YIQ	150.5400, -20.3970, -32.3410

# Conversions

## Conversions Part 2

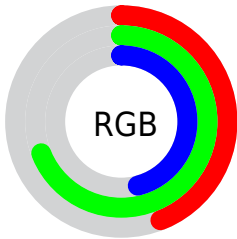
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 171, 177</a>
Decimal	<a href="#">7319926</a>
CIELab	<a href="#">66.62, -33.44, 23.74</a>
CIElCh	<a href="#">67, 41.012, 144.627</a>
Yxy	<a href="#">36.1318, 0.3025, 0.4279</a>
Android (android.graphics.Color)	<a href="#">4285510006 (0xFF6FB176)</a>
YUV	<a href="#">150.5400, -16.0422, -34.6766</a>
Hunter-Lab	<a href="#">60.1097, -29.3264, 19.6201</a>

# Details

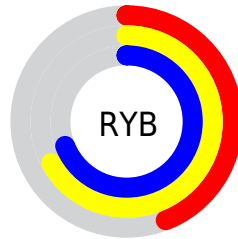
The Hex color **6FB176** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B16FAA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A5E9AB**, and **3B7C45** is the 20% darker color. If you saturate the color by 10%, you get **5DB166**, and if you desaturate by 10%, it is **81B186**.

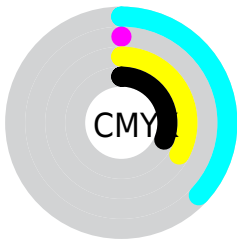
# Distribution



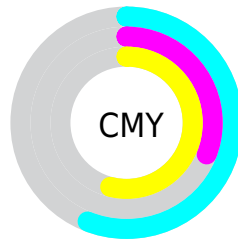
- Red (44%)
- Green (69%)
- Blue (46%)



- Red (44%)
- Yellow (67%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (33%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FB176 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 6FB176 by changing the saturation by 10% instead.





6FB176



6FB176

FFFFFF



55965D



A5E9AB



3B7C45



C1FFC6



20632E



DDFFE2



004A18



FAFFFF



003300



001F00



000000



6FB176



6FB176



5DB166



81B186

 4CB156

 92B196

 3AB147

 A4B1A5

 28B137

 B6B1B5

 17B127

 C8B1C5

 05B117

 D9B1D5

 00B113

 EBB1E5

 FDB1F5

 FFB1FF

# Harmonies

## Analogous

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



9BA95D



6FB176



35B59A

# Triad

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



6FB176



5BA8EB



E98685

# Complementary

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



6FB176



B16FAA

# 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.



E485AA



6FB176



9C9BE5

# Square

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



6FB176



00B1DD



CA8DCD



DB9167

# Rectangle

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



6FB176



00B5B3



CA8DCD



E98591



# Sweetspot

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



6FB176



CCE6CF



AAB16F



647365



F2F2F2



737373



# Same Dimension

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



6FB176



7EE689



6FB197



505951



009910



001A03



# Inverse Universe

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



B16FAA



E67EDB



B16F89



595058



990089



1A0017



# Previews

## White Background



This preview shows how the Hex color 6FB176 looks on a white background.

## Color Contrast Check

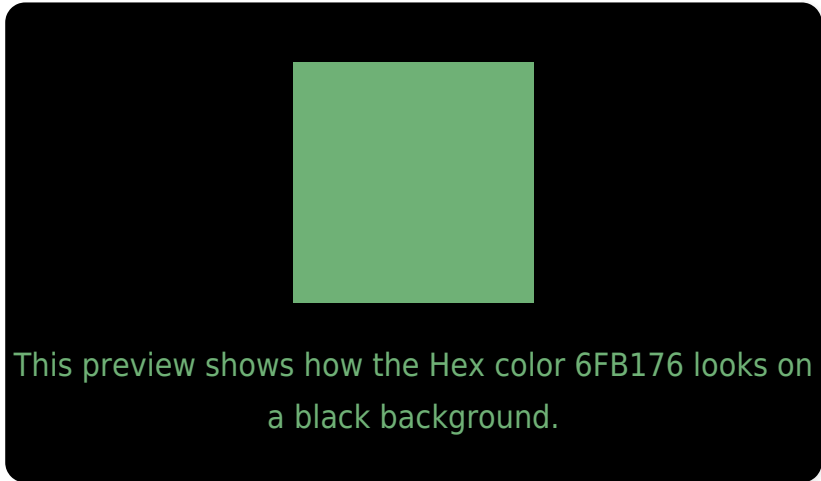
Large Text (above 18pt) WCAG AA × Fail

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

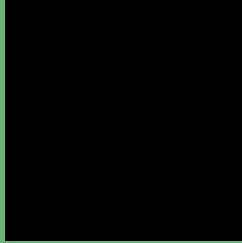
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FB176 Background



This preview shows how black text looks on a background with the Hex color 6FB176.

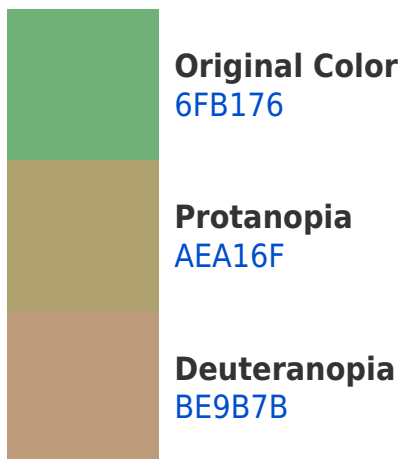


This preview shows how white text looks on a background with the Hex color 6FB176.

# 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





**Tritanopia**  
7CA9B7

# Trichromacy



**Original Color**  
6FB176



**Protanomaly**  
97A772



**Deuteranomaly**  
A1A379



**Tritanomaly**  
77AC9F

# Monochromacy



**Original Color**  
6FB176



**Achromatopsia**  
979797



**Achromatomaly**  
88A08B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FB176 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 #6FB176 looks like.

```
.text, #text, p{  
    color:#6FB176  
}
```

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 #6FB176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB176
}
```

## Border

The CSS property to change the border of an element to Hex 6FB176 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
#6FB176 }
```

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

```
.border{ border-color:#6FB176 }
```

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

Here you see how a box with a 4 pixel #6FB176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB176; -webkit-box-shadow:4px 4px  
4px 4px #6FB176; box-shadow:4px 4px 4px  
4px #6FB176 }
```

# Background

The CSS property to change the background color of an element to Hex 6FB176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB176 }
```

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

```
.background{ background-color:#6FB176 }
```

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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