

Converting Colors

Hex(60BF76)

Have a look what the booklet for
Hex(60BF76) contains.

Hex(60BF76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60BF76)

Conversions

Conversions Part 1

Format	Color
Hex	60BF76
RGB	96, 191, 118
RGB Percent	38%, 75%, 46%
CMY	0.6235, 0.2510, 0.5373
CMYK	0.50, 0.00, 0.38, 0.25
HSL	134°, 43%, 56%
HSV	134°, 50%, 75%
XYZ	26.7247, 41.0564, 23.6557
YIQ	154.2730, -33.1870, -42.8430

Conversions

Conversions Part 2

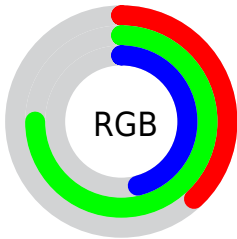
Format	Color
RYB	96, 173, 191
Decimal	6340470
CIELab	70.22, -44.06, 28.41
CIElCh	70, 52.424, 147.179
Yxy	41.0564, 0.2923, 0.4490
Android (android.graphics.Color)	4284530550 (0xFF60BF76)
YUV	154.2730, -17.8826, -51.1054
Hunter-Lab	64.0753, -37.6825, 22.9637

Details

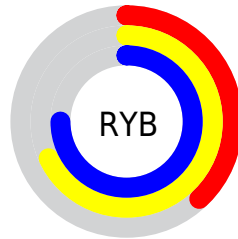
The Hex color **60BF76** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF60A9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **98F8AB**, and **248945** is the 20% darker color. If you saturate the color by 10%, you get **4DBF67**, and if you desaturate by 10%, it is **73BF85**.

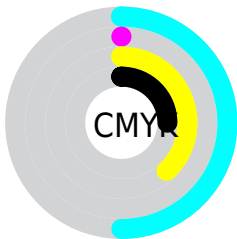
Distribution



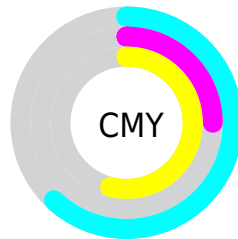
- Red (38%)
- Green (75%)
- Blue (46%)



- Red (38%)
- Yellow (68%)
- Blue (75%)



- Cyan (50%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (62%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60BF76 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 60BF76 by changing the saturation by 10% instead.

 60BF76

 60BF76

FFFFFF

 44A35D

 98F8AB

 248945

 B4FFC6

 006F2D

 D1FFE3

 005516

 EFFFFFF

 003D00

 002800

 000100

 000000

 60BF76

 60BF76

 4DBF67

 73BF85

 3ABF59

 86BF93

 27BF4A

 99BFA2

 14BF3B

 ACBFB1

 01BF2D

 BFBFBF

 00BF2C

 D3BFCE

 E6BFDD

 F9BFEB

 FFBFFA

Harmonies

Analogous

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



9CB653



60BF76



00C3A5

Triad

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



60BF76



43B2FF



FF8783

Complementary

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



60BF76



BF60A9

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.



FF83B2



60BF76



A7A1FF

Square

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



60BF76



00BEFB



E28EE0



F0965C

Rectangle

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



60BF76



00C4C6



E28EE0



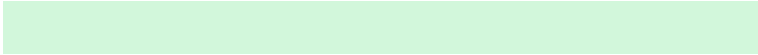
FF8492

Sweetspot

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



60BF76



D2F7DB



AABF60



667D6C



FCFCFC



7D7D7D

Same Dimension

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



60BF76



63F785



60BFA4



555E57



009E25



001F07

Inverse Universe

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



BF60A9



F763D5



BF607B



5E555C



9E0079



1F0018

Previews

White Background



This preview shows how the Hex color 60BF76 looks on a white background.

Color Contrast Check

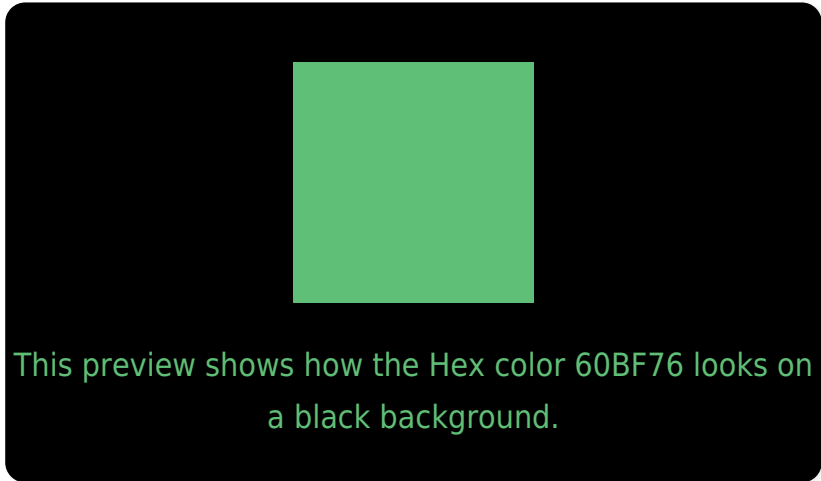
Large Text (above 18pt) WCAG AA × Fail

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

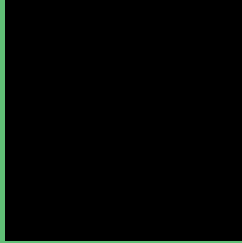
Any Text WCAG AA ✓ Pass

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 60BF76 Background



This preview shows how black text looks on a background with the Hex color 60BF76.

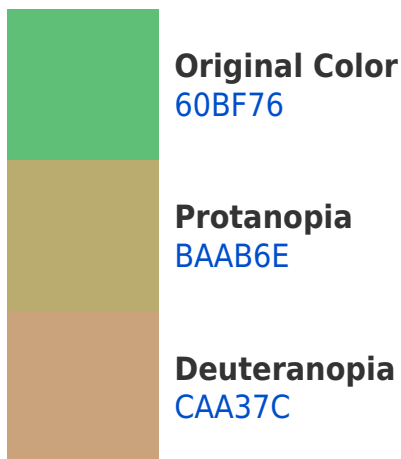


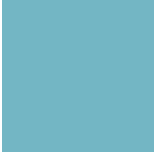
This preview shows how white text looks on a background with the Hex color 60BF76.

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](#).

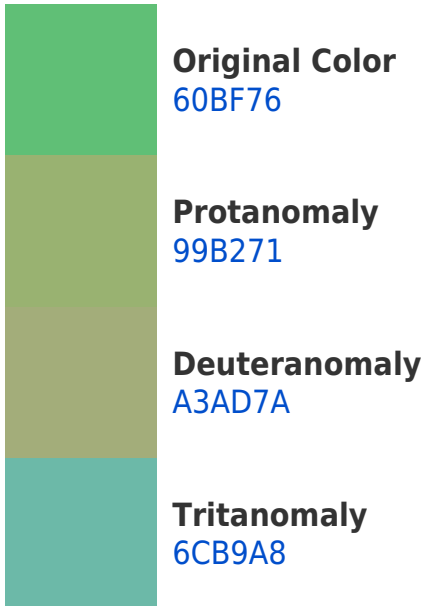
Dichromacy



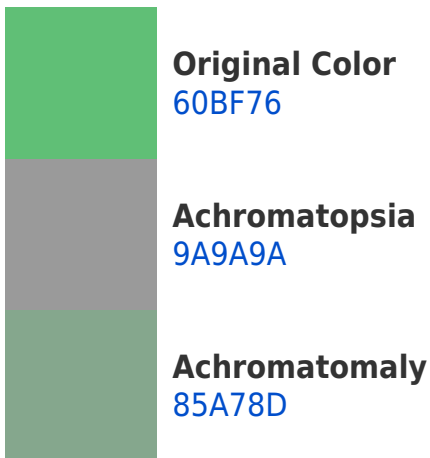


Tritanopia
73B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60BF76 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 #60BF76 looks like.

```
.text, #text, p{  
    color:#60BF76  
}
```

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 #60BF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BF76
}
```

Border

The CSS property to change the border of an element to Hex 60BF76 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
#60BF76 }
```

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

```
.border{ border-color:#60BF76 }
```

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

Here you see how a box with a 4 pixel #60BF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BF76; -webkit-box-shadow:4px 4px  
4px 4px #60BF76; box-shadow:4px 4px 4px  
4px #60BF76 }
```

Background

The CSS property to change the background color of an element to Hex 60BF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BF76 }
```

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

```
.background{ background-color:#60BF76 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor