

Converting Colors

Hex(6BF76B)

Have a look what the booklet for
Hex(6BF76B) contains.

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Color

Hex(6BF76B)

Conversions

Conversions Part 1

Format	Color
Hex	6BF76B
RGB	107, 247, 107
RGB Percent	42%, 97%, 42%
CMY	0.5804, 0.0314, 0.5804
CMYK	0.57, 0.00, 0.57, 0.03
HSL	120°, 90%, 69%
HSV	120°, 57%, 97%
XYZ	41.9780, 70.7089, 25.3456
YIQ	189.1800, -38.5000, -73.2200

Conversions

Conversions Part 2

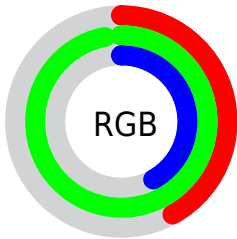
Format	Color
RYB	107, 247, 247
Decimal	7075691
CIELab	87.34, -64.67, 55.15
CIELCh	87, 84.994, 139.545
Yxy	70.7089, 0.3041, 0.5123
Android (android.graphics.Color)	4285265771 (0xFF6BF76B)
YUV	189.1800, -40.5147, -72.0719
Hunter-Lab	84.0886, -58.0457, 40.9910

Details

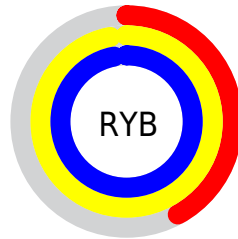
The Hex color **6BF76B** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F76BF7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A9FFA2**, and **1DBD35** is the 20% darker color. If you saturate the color by 10%, you get **52F752**, and if you desaturate by 10%, it is **84F784**.

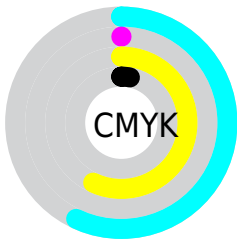
Distribution



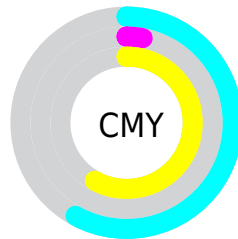
- Red (42%)
- Green (97%)
- Blue (42%)



- Red (42%)
- Yellow (97%)
- Blue (97%)



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (3%)



- Cyan (58%)
- Magenta (3%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BF76B 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 6BF76B by changing the saturation by 10% instead.

 6BF76B

 6BF76B

FFFFFF

 49DA50

 A9FFA2

 1DBD35

 C7FFBE

 00A215

 E6FFDB

 008600

 FFFFF8

 006C00

 005200

 003A00

 002100

 000000

 6BF76B

 6BF76B

 52F752

 84F784

 3AF73A

 9CF79C

 21F721

 B5F7B5

 08F708

 CEF7CE

 00F700

 E7F7E7

 FFF7FF

Harmonies

Analogous

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



D1E729



6BF76B



00FFBB

Triad

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



6BF76B



00ECFF



FF8FAA

Complementary

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



6BF76B



F76BF7

Split Complementary

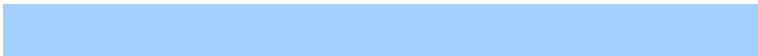
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8FFB



6BF76B



A3D1FF

Square

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



6BF76B



00FCFF



FFADFF



FFAC61

Rectangle

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



6BF76B



00FFF3



FFADFF



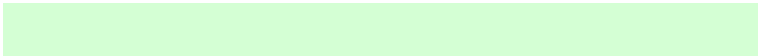
FF8BC4

Sweetspot

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



6BF76B



D4FFD4



F7F76B



668066



000000



808080

Same Dimension

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



6BF76B



52FF52



6BF7B1



6E7A6E



00BA00



003B00

Inverse Universe

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



F76BF7



FF52FF



F76BB1



7A6E7A



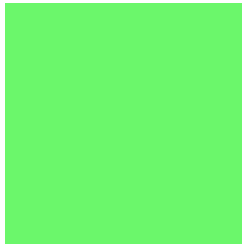
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 6BF76B 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



This preview shows how the Hex color 6BF76B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

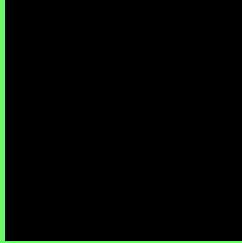
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

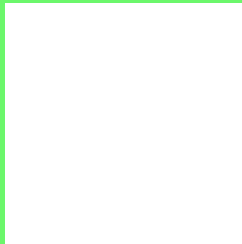
Any Text WCAG AAA ✓ Pass

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

Hex 6BF76B Background



This preview shows how black text looks on a background with the Hex color 6BF76B.

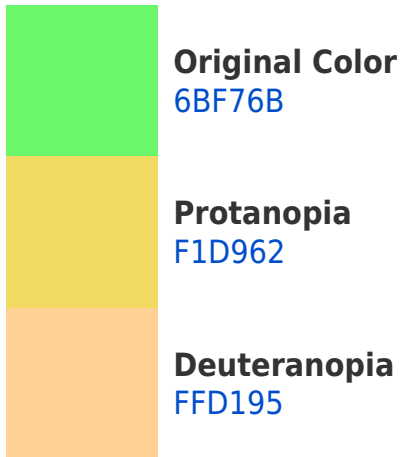


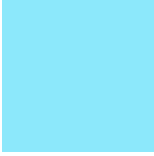
This preview shows how white text looks on a background with the Hex color 6BF76B.

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



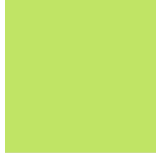


Tritanopia
8CE8FB

Trichromacy



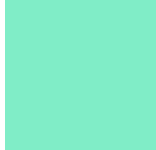
Original Color
6BF76B



Protanomaly
C0E465

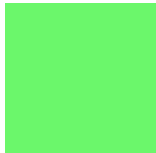


Deuteranomaly
C9DF86

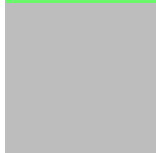


Tritanomaly
80EDC7

Monochromacy



Original Color
6BF76B



Achromatopsia
BDBDBD



Achromatomaly
9FD29F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BF76B 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 #6BF76B looks like.

```
.text, #text, p{  
    color:#6BF76B  
}
```

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 #6BF76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BF76B
}
```

Border

The CSS property to change the border of an element to Hex 6BF76B 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
#6BF76B }
```

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

```
.border{ border-color:#6BF76B }
```

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

Here you see how a box with a 4 pixel #6BF76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BF76B; -webkit-box-shadow:4px 4px  
4px 4px #6BF76B; box-shadow:4px 4px 4px  
4px #6BF76B }
```

Background

The CSS property to change the background color of an element to Hex 6BF76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BF76B }
```

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

```
.background{ background-color:#6BF76B }
```

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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