

Converting Colors

Hex(6BF744)

Have a look what the booklet for
Hex(6BF744) contains.

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Color

Hex(6BF744)

Conversions

Conversions Part 1

Format	Color
Hex	6BF744
RGB	107, 247, 68
RGB Percent	42%, 97%, 27%
CMY	0.5804, 0.0314, 0.7333
CMYK	0.57, 0.00, 0.72, 0.03
HSL	107°, 92%, 62%
HSV	107°, 72%, 97%
XYZ	40.3676, 70.0647, 16.8651
YIQ	184.7340, -25.9810, -85.3490

Conversions

Conversions Part 2

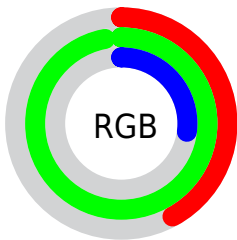
Format	Color
RYB	68, 247, 208
Decimal	7075652
CIELab	87.03, -68.25, 70.23
CIELCh	87, 97.928, 134.182
Yxy	70.0647, 0.3171, 0.5504
Android (android.graphics.Color)	4285265732 (0xFF6BF744)
YUV	184.7340, -57.5499, -68.1727
Hunter-Lab	83.7046, -60.3994, 46.6473

Details

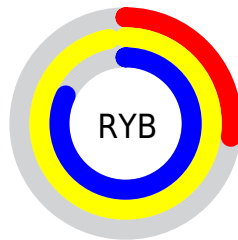
The Hex color **6BF744** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D044F7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AAFF7E**, and **17BD00** is the 20% darker color. If you saturate the color by 10%, you get **58F72B**, and if you desaturate by 10%, it is **7EF75D**.

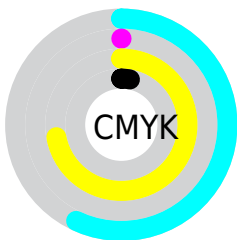
Distribution



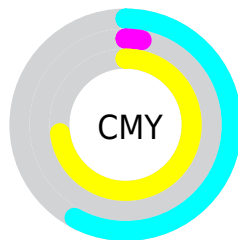
- Red (42%)
- Green (97%)
- Blue (27%)



- Red (27%)
- Yellow (97%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (72%)
- Black (3%)



- Cyan (58%)
- Magenta (3%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BF744 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 6BF744 by changing the saturation by 10% instead.

 6BF744

 6BF744

FFFFFF

 48DA22

 AAFF7E

 17BD00

 C9FF9B

 00A100

 E8FFB8

 008600

 FFFFD5

 006C00

 FFFFF2

 005200

 003A00

 002000

 000000

 6BF744

 6BF744

 58F72B

 7EF75D

 44F713

 92F775

 36F700

 A5F78E

 B8F7A7

 CCF7BF

 DFF7D8

 F2F7F1

 FFF7FF

Harmonies

Analogous

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



DBE300



6BF744



00FFA4

Triad

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



6BF744



00F2FF



FF76B2

Complementary

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



6BF744



D044F7

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.



FF7FFF



6BF744



4ED6FF

Square

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



6BF744



00FFFF



FFABFF



FF995A

Rectangle

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



6BF744



00FFE5



FFABFF



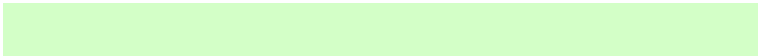
FF73D1

Sweetspot

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



6BF744



D3FFC7



F7CD44



66805E



000000



808080

Same Dimension

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



6BF744



51FF21



44F774



717A6E



29BA00



0D3B00

Inverse Universe

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



D044F7



CF21FF



F744C7



786E7A



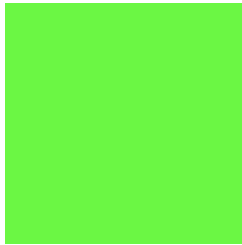
9200BA



2E003B

Previews

White Background



This preview shows how the Hex color 6BF744 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 6BF744 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 6BF744 Background



This preview shows how black text looks on a background with the Hex color 6BF744.

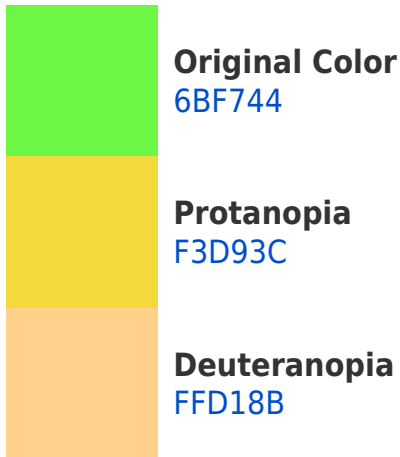


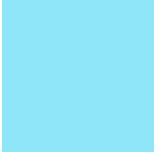
This preview shows how white text looks on a background with the Hex color 6BF744.

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](#).

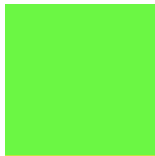
Dichromacy





Tritanopia
8FE6F9

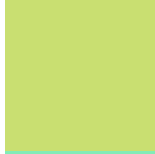
Trichromacy



Original Color
6BF744



Protanomaly
C2E43F



Deuteranomaly
C9DF71

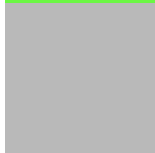


Tritanomaly
82ECB7

Monochromacy



Original Color
6BF744



Achromatopsia
B9B9B9



Achromatomaly
9DD08E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BF744 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 #6BF744 looks like.

```
.text, #text, p{  
    color:#6BF744  
}
```

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 #6BF744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BF744
}
```

Border

The CSS property to change the border of an element to Hex 6BF744 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
#6BF744 }
```

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

```
.border{ border-color:#6BF744 }
```

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

Here you see how a box with a 4 pixel #6BF744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BF744; -webkit-box-shadow:4px 4px  
4px 4px #6BF744; box-shadow:4px 4px 4px  
4px #6BF744 }
```

Background

The CSS property to change the background color of an element to Hex 6BF744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BF744 }
```

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

```
.background{ background-color:#6BF744 }
```

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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