

Converting Colors

Hex(6BB000)

Have a look what the booklet for
Hex(6BB000) contains.

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Color

Hex(6BB000)

Conversions

Conversions Part 1

Format	Color
Hex	6BB000
RGB	107, 176, 0
RGB Percent	42%, 69%, 0%
CMY	0.5804, 0.3098, 1.0000
CMYK	0.39, 0.00, 1.00, 0.31
HSL	84°, 100%, 35%
HSV	84°, 100%, 69%
XYZ	21.5887, 34.1765, 5.4589
YIQ	135.3050, 15.3720, -69.3640

Conversions

Conversions Part 2

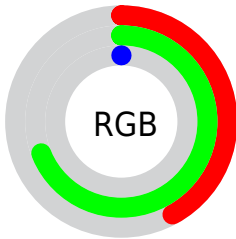
Format	Color
RYB	0, 176, 69
Decimal	7057408
CIELab	65.10, -44.51, 66.08
CIELCh	65, 79.676, 123.961
Yxy	34.1765, 0.3526, 0.5582
Android (android.graphics.Color)	4285247488 (0xFF6BB000)
YUV	135.3050, -66.7054, -24.8235
Hunter-Lab	58.4606, -36.3884, 35.3861

Details

The Hex color **6BB000** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4500B0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A4E84C**, and **307B00** is the 20% darker color. If you saturate the color by 10%, you get **6BB000**, and if you desaturate by 10%, it is **72B012**.

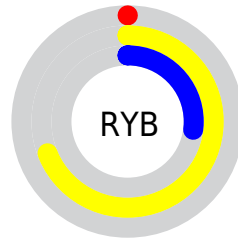
Distribution



Red (42%)

Green (69%)

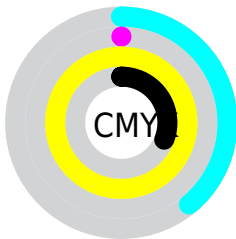
Blue (0%)



Red (0%)

Yellow (69%)

Blue (27%)

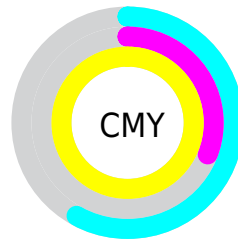


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB000 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 6BB000 by changing the saturation by 10% instead.

 6BB000

 6BB000

FFFFFF

 4E9500

 A4E84C

 307B00

 C1FF68

 086100

 DFFF84

 004900

 FDFFA1

 003100

 FFFFBD

 001A00

 FFFFDA

 000000

 FFFFF7

 6BB000

 72B012

 79B023

 80B035

 87B046

 8EB058

 94B06A

 9BB07B

 A2B08D

 A9B09E

Harmonies

Analogous

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



B59E00



6BB000



00BA5B

Triad

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



6BB000



00B6FF



FF4C98

Complementary

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



6BB000



4500B0

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.



FA62DE



6BB000



00A4FF

Square

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



6BB000



00BDEC



A886FF



FF6052

Rectangle

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



6BB000



00BD8D



A886FF



FF4FB0

Sweetspot

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



6BB000



CBE6A1



B04300



637349



F2F2F2



737373

Same Dimension

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



6BB000



8CE600



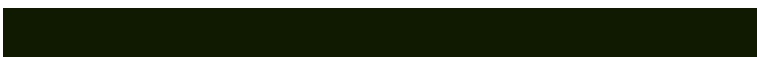
15B000



565950



5D9900



101A00

Inverse Universe

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



4500B0



5A00E6



9B00B0



545059



3C0099



0A001A

Previews

White Background



This preview shows how the Hex color 6BB000 looks on a white background.

Color Contrast Check

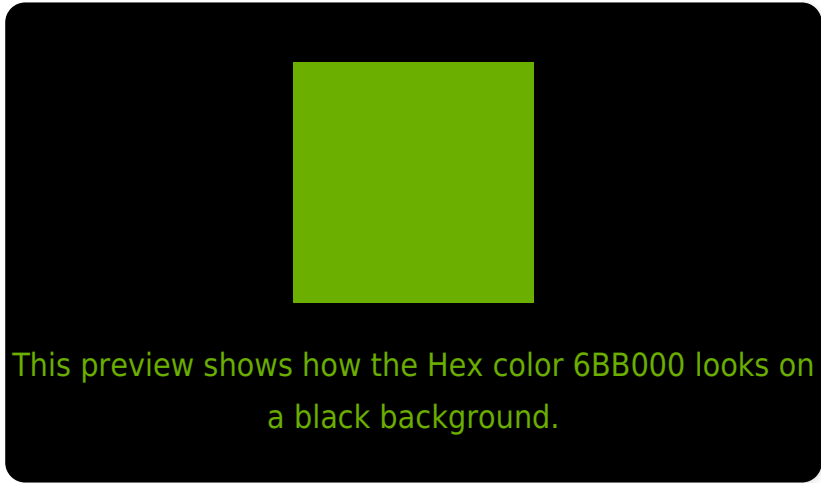
Large Text (above 18pt) WCAG AA × Fail

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 6BB000 Background



This preview shows how black text looks on a background with the Hex color 6BB000.

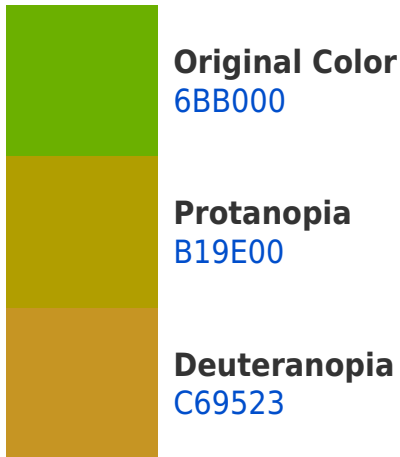


This preview shows how white text looks on a background with the Hex color 6BB000.

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](#).

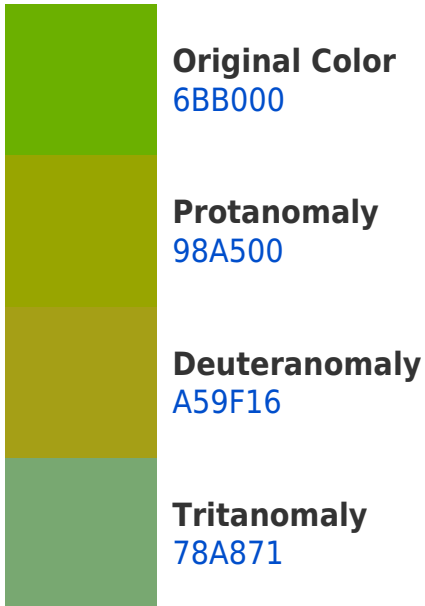
Dichromacy





Tritanopia
7FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB000 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 #6BB000 looks like.

```
.text, #text, p{  
    color:#6BB000  
}
```

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 #6BB000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB000
}
```

Border

The CSS property to change the border of an element to Hex 6BB000 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
#6BB000 }
```

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

```
.border{ border-color:#6BB000 }
```

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

Here you see how a box with a 4 pixel #6BB000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB000; -webkit-box-shadow:4px 4px  
4px 4px #6BB000; box-shadow:4px 4px 4px  
4px #6BB000 }
```

Background

The CSS property to change the background color of an element to Hex 6BB000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB000 }
```

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

```
.background{ background-color:#6BB000 }
```

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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