

Converting Colors

Hex(6BB904)

Have a look what the booklet for
Hex(6BB904) contains.

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Color

Hex(6BB904)

Conversions

Conversions Part 1

Format	Color
Hex	6BB904
RGB	107, 185, 4
RGB Percent	42%, 73%, 2%
CMY	0.5804, 0.2745, 0.9843
CMYK	0.42, 0.00, 0.98, 0.27
HSL	86°, 96%, 37%
HSV	86°, 98%, 73%
XYZ	23.4343, 37.8325, 6.1822
YIQ	141.0440, 11.6130, -72.8270

Conversions

Conversions Part 2

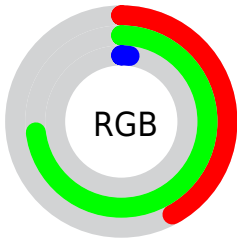
Format	Color
RYB	4, 185, 82
Decimal	7059716
CIELab	67.90, -48.10, 67.78
CIELCh	68, 83.112, 125.360
Yxy	37.8325, 0.3474, 0.5609
Android (android.graphics.Color)	4285249796 (0xFF6BB904)
YUV	141.0440, -67.5627, -29.8566
Hunter-Lab	61.5081, -39.6316, 37.0965

Details

The Hex color **6BB904** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5204B9**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A5F24F**, and **2E8300** is the 20% darker color. If you saturate the color by 10%, you get **69B900**, and if you desaturate by 10%, it is **73B917**.

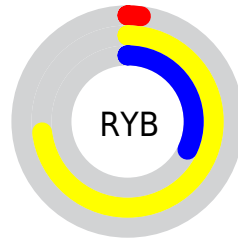
Distribution



Red (42%)

Green (73%)

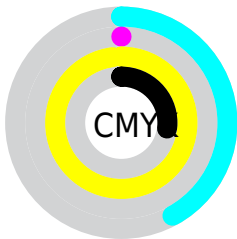
Blue (2%)



Red (2%)

Yellow (73%)

Blue (32%)

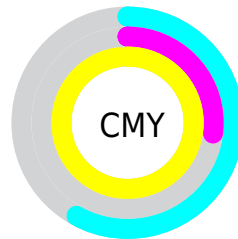


Cyan (42%)

Magenta (0%)

Yellow (98%)

Black (27%)



Cyan (58%)

Magenta (27%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB904 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 6BB904 by changing the saturation by 10% instead.

 6BB904

 6BB904


FFFFFF

 4E9E00

 A5F24F

 2E8300

 C2FF6C

 006900

 E0FF88

 005000

 FEFFA4

 003800

 FFFFC1

 002300

 FFFFDE

 000000

 FFFFFC

 6BB904

 6BB904

■ 69B900

■ 73B917

■ 7BB929

■ 83B93C

■ 8BB94E

■ 93B961

■ 9BB973

■ A3B986

■ ABB998

■ B3B9AB

Harmonies

Analogous

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



BBA700



6BB904



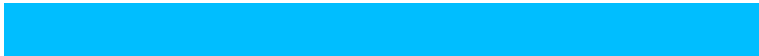
00C363

Triad

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



6BB904



00BEFF



FF4F9B

Complementary

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



6BB904



5204B9

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.



FF64E6



6BB904



00ABFF

Square

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



6BB904



00C6FB



B58BFF



FF6553

Rectangle

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



6BB904



00C697



B58BFF



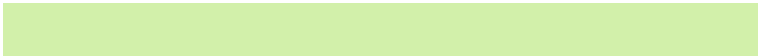
FF51B4

Sweetspot

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



6BB904



D2F0AA



B94F04



66784E



F7F7F7



787878

Same Dimension

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



6BB904



88F000



13B904



585C53



599C00



101C00

Inverse Universe

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



5204B9



6700F0



AA04B9



57535C



43009C



0C001C

Previews

White Background



This preview shows how the Hex color 6BB904 looks on a white background.

Color Contrast Check

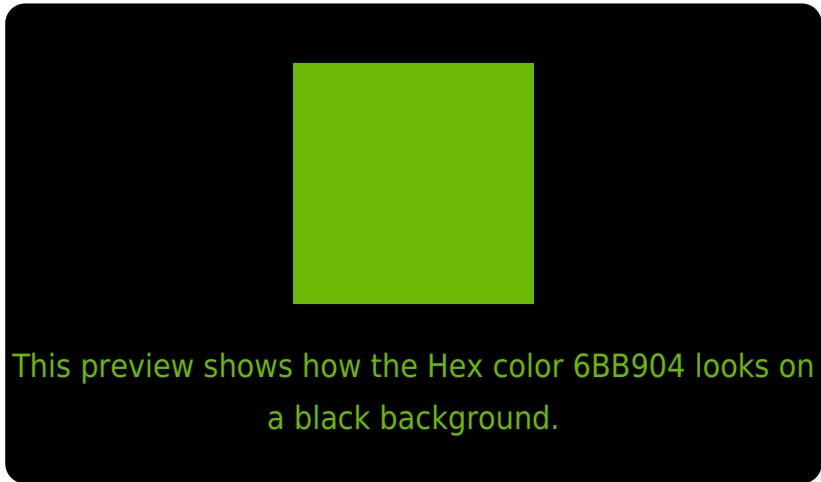
Large Text (above 18pt) WCAG AA × Fail

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 6BB904 Background



This preview shows how black text looks on a background with the Hex color 6BB904.

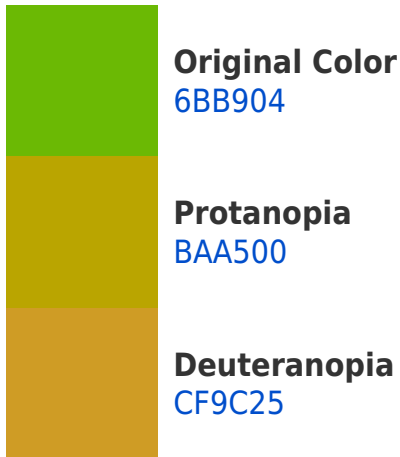


This preview shows how white text looks on a background with the Hex color 6BB904.

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



Trichromacy



Original Color
6BB904



Protanomaly
9DAC01



Deuteranomaly
ABA719



Tritanomaly
79B178

Monochromacy



Original Color
6BB904



Achromatopsia
8D8D8D



Achromatomaly
819D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB904 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 #6BB904 looks like.

```
.text, #text, p{  
    color:#6BB904  
}
```

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 #6BB904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB904
}
```

Border

The CSS property to change the border of an element to Hex 6BB904 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
#6BB904 }
```

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

```
.border{ border-color:#6BB904 }
```

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

Here you see how a box with a 4 pixel #6BB904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB904; -webkit-box-shadow:4px 4px  
4px 4px #6BB904; box-shadow:4px 4px 4px  
4px #6BB904 }
```

Background

The CSS property to change the background color of an element to Hex 6BB904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB904 }
```

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

```
.background{ background-color:#6BB904 }
```

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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