

Converting Colors

Hex(6CB102)

Have a look what the booklet for
Hex(6CB102) contains.

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Color

Hex(6CB102)

Conversions

Conversions Part 1

Format	Color
Hex	6CB102
RGB	108, 177, 2
RGB Percent	42%, 69%, 1%
CMY	0.5765, 0.3059, 0.9922
CMYK	0.39, 0.00, 0.99, 0.31
HSL	84°, 98%, 35%
HSV	84°, 99%, 69%
XYZ	21.9174, 34.6368, 5.5878
YIQ	136.4190, 15.0510, -69.0530

Conversions

Conversions Part 2

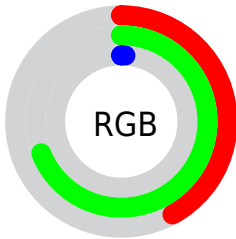
Format	Color
RYB	2, 177, 71
Decimal	7123202
CIELab	65.46, -44.53, 66.13
CIELCh	65, 79.729, 123.955
Yxy	34.6368, 0.3527, 0.5574
Android (android.graphics.Color)	4285313282 (0xFF6CB102)
YUV	136.4190, -66.2686, -24.9235
Hunter-Lab	58.8530, -36.5177, 35.5678

Details

The Hex color **6CB102** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4702B1**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A5E94D**, and **317C00** is the 20% darker color. If you saturate the color by 10%, you get **6BB100**, and if you desaturate by 10%, it is **73B114**.

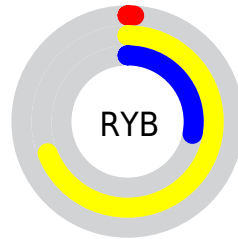
Distribution



Red (42%)

Green (69%)

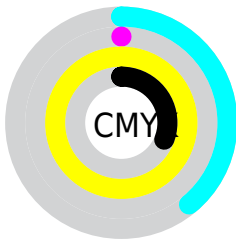
Blue (1%)



Red (1%)

Yellow (69%)

Blue (28%)

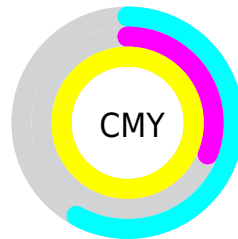


Cyan (39%)

Magenta (0%)

Yellow (99%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB102 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 6CB102 by changing the saturation by 10% instead.



6CB102



6CB102

FFFFFF



4F9600



A5E94D



317C00



C2FF69



0A6200



E0FF85



004A00



FEFFA1



003200



FFFFBE



001C00



FFF8DB



000000



FFFFFF8



6CB102



6CB102

■ 6BB100

■ 73B114

■ 7AB125

■ 81B137

■ 88B149

■ 8FB15B

■ 96B16C

■ 9DB17E

■ A4B190

■ ABB1A1

Harmonies

Analogous

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



B69F00



6CB102



00BB5C

Triad

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



6CB102



00B7FF



FF4D99

Complementary

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



6CB102



4702B1

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.



FB63DF



6CB102



00A5FF

Square

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



6CB102



00BEED



A987FF



FF6153

Rectangle

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



6CB102



00BE8E



A987FF



FF50B1

Sweetspot

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



6CB102



CAE6A1



B14502



627349



F2F2F2



737373

Same Dimension

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



6CB102



8BE600



16B102



565950



5D9900



0F1A00

Inverse Universe

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



4702B1



5A00E6



9D02B1



545059



3C0099



0A001A

Previews

White Background



This preview shows how the Hex color 6CB102 looks on a white background.

Color Contrast Check

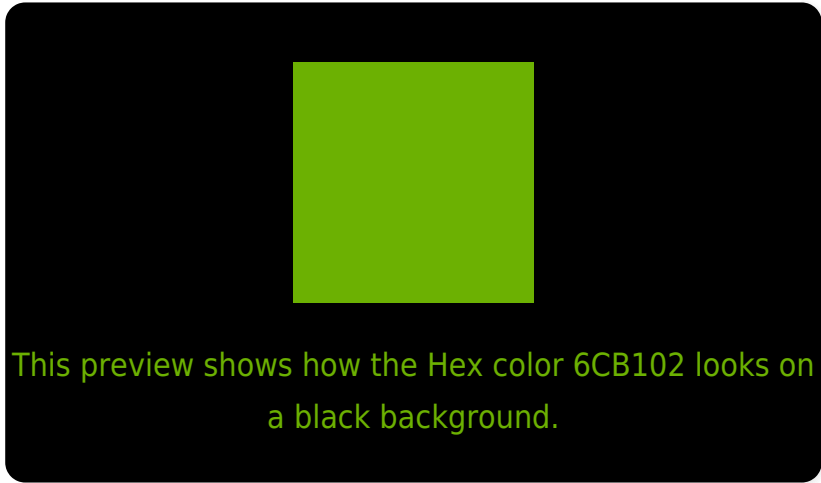
Large Text (above 18pt) WCAG AA × Fail

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 6CB102 Background



This preview shows how black text looks on a background with the Hex color 6CB102.

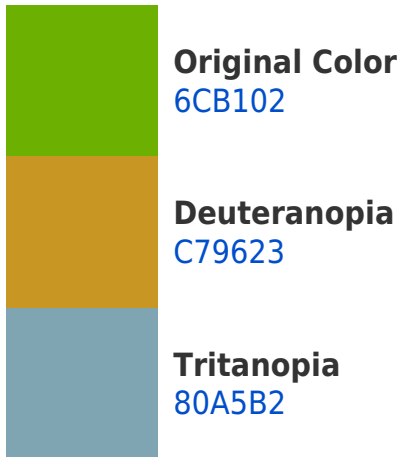


This preview shows how white text looks on a background with the Hex color 6CB102.

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](#).

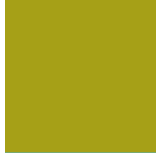
Dichromacy



Trichromacy



Original Color
6CB102



Deuteranomaly
A6A017



Tritanomaly
79A972

Monochromacy



Original Color
6CB102



Achromatopsia
888888



Achromatomaly
7E9757

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB102 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 #6CB102 looks like.

```
.text, #text, p{  
    color:#6CB102  
}
```

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 #6CB102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB102
}
```

Border

The CSS property to change the border of an element to Hex 6CB102 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
#6CB102 }
```

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

```
.border{ border-color:#6CB102 }
```

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

Here you see how a box with a 4 pixel #6CB102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB102; -webkit-box-shadow:4px 4px  
4px 4px #6CB102; box-shadow:4px 4px 4px  
4px #6CB102 }
```

Background

The CSS property to change the background color of an element to Hex 6CB102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB102 }
```

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

```
.background{ background-color:#6CB102 }
```

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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