

Converting Colors

Hex(C6B513)

Have a look what the booklet for
Hex(C6B513) contains.

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Color

Hex(C6B513)

Conversions

Conversions Part 1

Format	Color
Hex	C6B513
RGB	198, 181, 19
RGB Percent	78%, 71%, 7%
CMY	0.2235, 0.2902, 0.9255
CMYK	0.00, 0.09, 0.90, 0.22
HSL	54°, 82%, 43%
HSV	54°, 90%, 78%
XYZ	39.9301, 45.1005, 7.2168
YIQ	167.6150, 62.1340, -46.7780

Conversions

Conversions Part 2

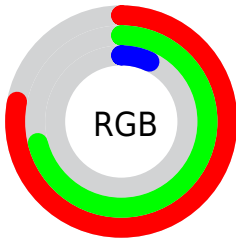
Format	Color
R _Y B	38, 198, 19
Decimal	13022483
CIE Lab	72.96, -8.96, 72.44
CIE LCh	73, 72.989, 97.054
Yxy	45.1005, 0.4329, 0.4889
Android (android.graphics.Color)	4291212563 (0xFFC6B513)
YUV	167.6150, -73.2672, 26.6476
Hunter-Lab	67.1569, -11.3922, 40.6384

Details

The Hex color **C6B513** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1324C6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFED56**, and **8C8100** is the 20% darker color. If you saturate the color by 10%, you get **C6B300**, and if you desaturate by 10%, it is **C6B727**.

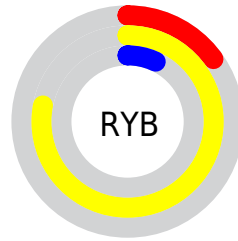
Distribution



Red (78%)

Green (71%)

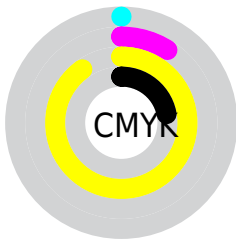
Blue (7%)



Red (15%)

Yellow (78%)

Blue (7%)

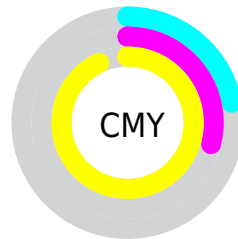


Cyan (0%)

Magenta (9%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6B513 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 C6B513 by changing the saturation by 10% instead.

 C6B513

 C6B513

FFFFFF

 A99A00

 FFED56

 8C8100

 FFFF73

 706800

 FFFF8F

 545000

 FFFFAB

 393900

 FFFFC8

 202400

 FFFFE5

 001000

 000000

 C6B513

 C6B513

 C6B300

 C6B727

 C6B93B

 C6BB4E

 C6BD62

 C6BE76

 C6C08A

 C6C29E

 C6C4B1

 C6C6C5

Harmonies

Analogous

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



FD9C30



C6B513



7FC63E

Triad

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



C6B513



00D1FF



FF7DE9

Complementary

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



C6B513



1324C6

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.



CA9AFF



C6B513



00C8FF

Square

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



C6B513



00D3C1



20B6FF



FF71A6

Rectangle

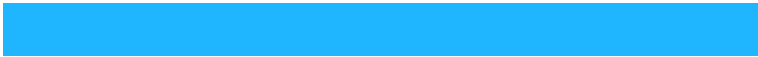
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6B513



31CD66



20B6FF



FD86FD

Sweetspot

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



C6B513



FFF8BA



C61325



807C57



000000



808080

Same Dimension

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



C6B513



FFE700



7EC613



63635A



A39400



242000

Inverse Universe

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



1324C6



0018FF



5B13C6



5A5A63



000FA3



000324

Previews

White Background



This preview shows how the Hex color C6B513 looks on a white background.

Color Contrast Check

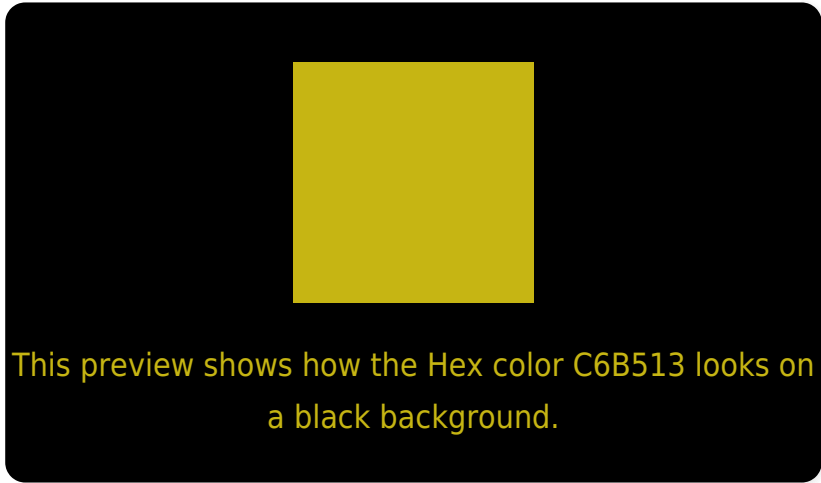
Large Text (above 18pt) WCAG AA × Fail

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 C6B513 Background



This preview shows how black text looks on a background with the Hex color C6B513.

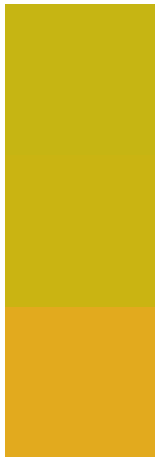


This preview shows how white text looks on a background with the Hex color C6B513.

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



Original Color
C6B513

Protanopia
CAB412

Deuteranopia
E2AA1E



Tritanopia
D1A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6B513 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 #C6B513 looks like.

```
.text, #text, p{  
    color:#C6B513  
}
```

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 #C6B513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6B513
}
```

Border

The CSS property to change the border of an element to Hex C6B513 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
#C6B513 }
```

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

```
.border{ border-color:#C6B513 }
```

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

Here you see how a box with a 4 pixel #C6B513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6B513; -webkit-box-shadow:4px 4px  
4px 4px #C6B513; box-shadow:4px 4px 4px  
4px #C6B513 }
```

Background

The CSS property to change the background color of an element to Hex C6B513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6B513 }
```

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

```
.background{ background-color:#C6B513 }
```

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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