

# Converting Colors

Hex(6C7217)

Have a look what the booklet for  
Hex(6C7217) contains.

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**Color**

**Hex(6C7217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7217
RGB	108, 114, 23
RGB Percent	42%, 45%, 9%
CMY	0.5765, 0.5529, 0.9098
CMYK	0.05, 0.00, 0.80, 0.55
HSL	64°, 66%, 27%
HSV	64°, 80%, 45%
XYZ	12.3563, 15.2846, 3.1096
YIQ	101.8320, 25.6350, -29.5730

# Conversions

## Conversions Part 2

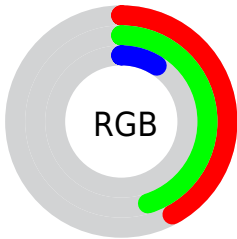
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 114, 29
Decimal	7107095
CIE Lab	46.02, -14.04, 45.80
CIE LCh	46, 47.905, 107.047
Yxy	15.2846, 0.4018, 0.4971
Android (android.graphics.Color)	4285297175 (0xFF6C7217)
YUV	101.8320, -38.8642, 5.4093
Hunter-Lab	39.0956, -12.0016, 22.6511

# Details

The Hex color **6C7217** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1D1772**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A2A64B**, and **3A4200** is the 20% darker color. If you saturate the color by 10%, you get **6B720C**, and if you desaturate by 10%, it is **6D7222**.

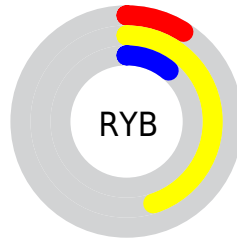
# Distribution



Red (42%)

Green (45%)

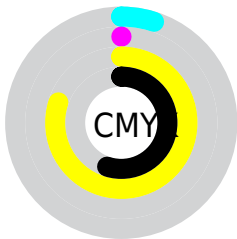
Blue (9%)



Red (9%)

Yellow (45%)

Blue (11%)

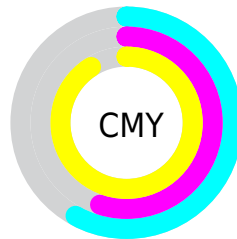


Cyan (5%)

Magenta (0%)

Yellow (80%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7217 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 6C7217 by changing the saturation by 10% instead.



 6C7217

 6C7217

FFFFFF

 525A00

 A2A64B

 3A4200

 BEC164

 202C00

 DBDD7F

 001900

 F8F999

 000000

 FFFFB5

 FFFFD1

 FFFFEE

 6C7217

 6C7217

■ 6B720C

■ 6D7222

■ 6A7200

■ 6E722E

■ 6E7239

■ 6F7245

■ 707250

■ 71725B

■ 717267

■ 727272

■ 73727E

# Harmonies

## Analogous

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



906518



6C7217



3D7B33

# Triad

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



6C7217



007EA7



AD4A80

# Complementary

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



6C7217



1D1772

# 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.



8C58A4



6C7217



0076BB

# Square

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



6C7217



008083



4C6ABA



B64858

# Rectangle

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



6C7217



007E4C



4C6ABA



A54E8D



# Sweetspot

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



6C7217



929470



721C17



494A35



C9C9C9



4A4A4A



# Same Dimension

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



6C7217



8B9406



407217



383832



707800



E7F700



# Inverse Universe

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



1D1772



0F0694



491772



333238



080078



1000F7



# Previews

## White Background



This preview shows how the Hex color 6C7217 looks on a white 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

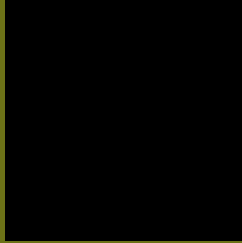
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C7217 Background



This preview shows how black text looks on a background with the Hex color 6C7217.



This preview shows how white text looks on a background with the Hex color 6C7217.

# 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**  
6C7217

**Protanopia**  
7B6D16

**Deuteranopia**  
89671D



**Tritanopia**  
746A73

# Trichromacy



**Original Color**  
6C7217

**Protanomaly**  
766F16

**Deuteranomaly**  
7E6B1B

**Tritanomaly**  
716D52

# Monochromacy



**Original Color**  
6C7217

**Achromatopsia**  
666666

**Achromatomaly**  
686A49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7217 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 #6C7217 looks like.

```
.text, #text, p{  
    color:#6C7217  
}
```

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 #6C7217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7217
}
```

## Border

The CSS property to change the border of an element to Hex 6C7217 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
#6C7217 }
```

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

```
.border{ border-color:#6C7217 }
```

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

Here you see how a box with a 4 pixel #6C7217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7217; -webkit-box-shadow:4px 4px  
4px 4px #6C7217; box-shadow:4px 4px 4px  
4px #6C7217 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7217 }
```

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

```
.background{ background-color:#6C7217 }
```

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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