

# Converting Colors

Hex(6C7017)

Have a look what the booklet for  
Hex(6C7017) contains.

<b>Hex(6C7017)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6C7017)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7017
RGB	108, 112, 23
RGB Percent	42%, 44%, 9%
CMY	0.5765, 0.5608, 0.9098
CMYK	0.04, 0.00, 0.79, 0.56
HSL	63°, 66%, 26%
HSV	63°, 79%, 44%
XYZ	12.1332, 14.8383, 3.0352
YIQ	100.6580, 26.1850, -28.5270

# Conversions

## Conversions Part 2

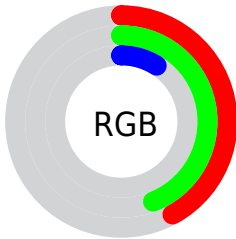
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 112, 27
Decimal	7106583
CIE <sub>Lab</sub>	45.41, -12.95, 45.24
CIE <sub>LCh</sub>	45, 47.058, 105.973
Yxy	14.8383, 0.4043, 0.4945
Android (android.graphics.Color)	4285296663 (0xFF6C7017)
YUV	100.6580, -38.2854, 6.4389
Hunter-Lab	38.5206, -11.1873, 22.2927

# Details

The Hex color **6C7017** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B1770**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A2A44B**, and **3A4000** is the 20% darker color. If you saturate the color by 10%, you get **6B700C**, and if you desaturate by 10%, it is **6D7022**.

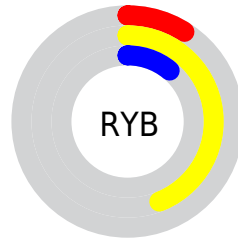
# Distribution



Red (42%)

Green (44%)

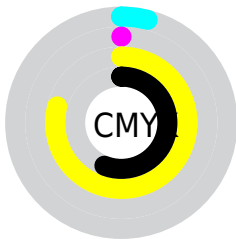
Blue (9%)



Red (9%)

Yellow (44%)

Blue (11%)

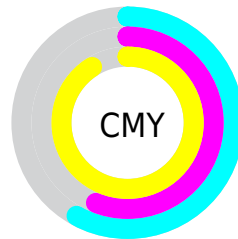


Cyan (4%)

Magenta (0%)

Yellow (79%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7017 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 6C7017 by changing the saturation by 10% instead.





6C7017



6C7017

FFFFFF



525800



A2A44B



3A4000



BEBF64



202B00



DBDA7E



001700



F8F799



000000



FFFFB4



FFFFD0



FFFFED



6C7017



6C7017

■ 6B700C

■ 6D7022

■ 6B7001

■ 6D702D

■ 6B7000

■ 6E7039

■ 6E7044

■ 6F704F

■ 6F705A

■ 707065

■ 707071

■ 71707C

# Harmonies

## Analogous

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



8F631A



6C7017



3E7932

# Triad

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



6C7017



007CA3



A94980

# Complementary

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



6C7017



1B1770

# 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.



8858A3



6C7017



0075B8

# Square

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



6C7017



007E80



4869B7



B34758

# Rectangle

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



6C7017



007C4A



4869B7



A14D8C



# Sweetspot

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



6C7017



90916E



701A17



494A35



C9C9C9



4A4A4A



# Same Dimension

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



6C7017



8B9107



417017



383832



727800



ECF700



# Inverse Universe

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



1B1770



0D0791



461770



333238



050078



0B00F7



# Previews

## White Background



This preview shows how the Hex color 6C7017 looks on a white background.

## Color Contrast Check

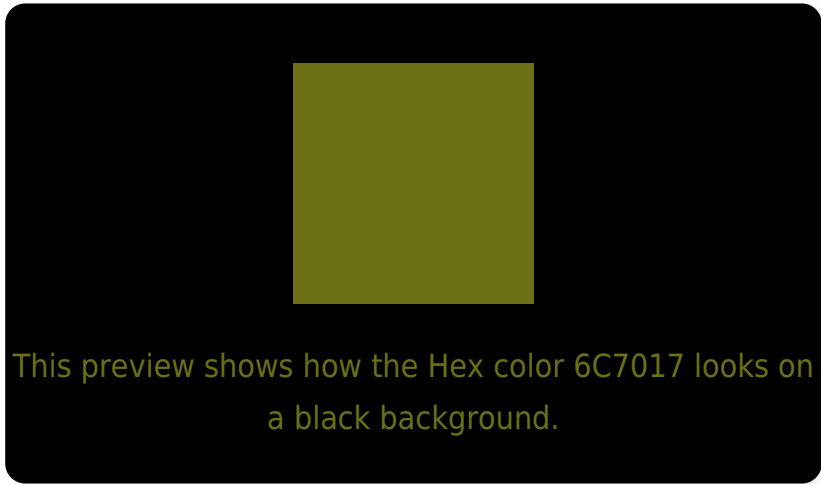
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C7017 Background



This preview shows how black text looks on a background with the Hex color 6C7017.



This preview shows how white text looks on a background with the Hex color 6C7017.

# 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**  
6C7017

**Protanopia**  
796C16

**Deuteranopia**  
87661C



**Tritanopia**  
736870

# Trichromacy



**Original Color**  
6C7017

**Protanomaly**  
746D16

**Deuteranomaly**  
7D6A1A

**Tritanomaly**  
706B50

# Monochromacy



**Original Color**  
6C7017

**Achromatopsia**  
656565

**Achromatomaly**  
686949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7017 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 #6C7017 looks like.

```
.text, #text, p{  
    color:#6C7017  
}
```

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 #6C7017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7017
}
```

## Border

The CSS property to change the border of an element to Hex 6C7017 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
#6C7017 }
```

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

```
.border{ border-color:#6C7017 }
```

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

Here you see how a box with a 4 pixel #6C7017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7017; -webkit-box-shadow:4px 4px  
4px 4px #6C7017; box-shadow:4px 4px 4px  
4px #6C7017 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7017 }
```

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

```
.background{ background-color:#6C7017 }
```

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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