

# Converting Colors

Hex(617212)

Have a look what the booklet for  
Hex(617212) contains.

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**Color**

**Hex(617212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	617212
RGB	97, 114, 18
RGB Percent	38%, 45%, 7%
CMY	0.6196, 0.5529, 0.9294
CMYK	0.15, 0.00, 0.84, 0.55
HSL	71°, 73%, 26%
HSV	71°, 84%, 45%
XYZ	11.0563, 14.6197, 2.8114
YIQ	97.9730, 20.6840, -33.4600

# Conversions

## Conversions Part 2

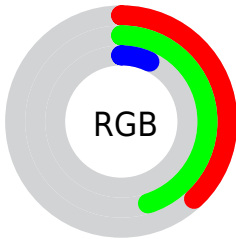
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 114, 35
Decimal	6386194
CIELab	45.11, -19.32, 46.25
CIELCh	45, 50.121, 112.677
Yxy	14.6197, 0.3881, 0.5132
Android (android.graphics.Color)	4284576274 (0xFF617212)
YUV	97.9730, -39.4267, -0.8533
Hunter-Lab	38.2357, -15.2973, 22.4055

# Details

The Hex color **617212** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **231272**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **96A647**, and **2F4200** is the 20% darker color. If you saturate the color by 10%, you get **5F7207**, and if you desaturate by 10%, it is **63721D**.

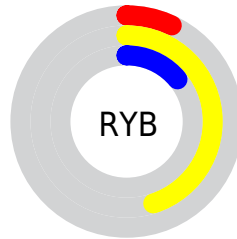
# Distribution



 Red (38%)

 Green (45%)

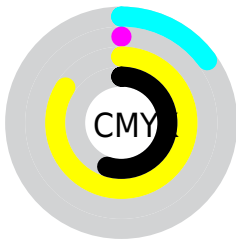
 Blue (7%)




 Red (7%)

 Yellow (45%)

 Blue (14%)

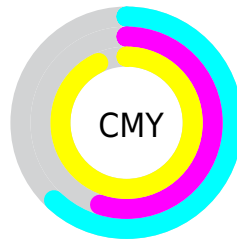


 Cyan (15%)

 Magenta (0%)

 Yellow (84%)

 Black (55%)



 Cyan (62%)

 Magenta (55%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617212 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 617212 by changing the saturation by 10% instead.





617212



617212

FFFFFF



475900



96A647



2F4200



B2C161



152C00



CEDD7B



001900



EBF996



000000



FFFFB1



FFFFCD



FFFFEA



617212



617212

■ 5F7207

■ 63721D

■ 5E7200

■ 657229

■ 677234

■ 697240

■ 6B724B

■ 6D7256

■ 6F7262

■ 71726D

■ 737279

# Harmonies

## Analogous

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



88650B



617212



297A35

# Triad

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



617212



007BAD



B14377

# Complementary

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



617212



231272

# 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.



93519E



617212



0073BE

# Square

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



617212



007E8A



5764B8



B5454D

# Rectangle

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



617212



007D50



5764B8



AA4685



# Sweetspot

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



617212



8D946F



722212



464A34



C9C9C9



4A4A4A



# Same Dimension

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



617212



7A9400



327212



373832



637800



CCF700



# Inverse Universe

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



231272



1A0094



521272



333238



150078



2C00F7



# Previews

## White Background



This preview shows how the Hex color 617212 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

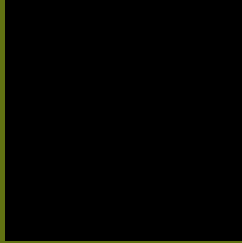
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 617212 Background



This preview shows how black text looks on a background with the Hex color 617212.



This preview shows how white text looks on a background with the Hex color 617212.

# 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**  
617212

**Protanopia**  
786B10

**Deuteranopia**  
86651A



**Tritanopia**  
6A6A72

# Trichromacy



**Original Color**  
617212

**Protanomaly**  
706E11

**Deuteranomaly**  
796A17

**Tritanomaly**  
676D4F

# Monochromacy



**Original Color**  
617212

**Achromatopsia**  
626262

**Achromatomaly**  
626845

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617212 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 #617212 looks like.

```
.text, #text, p{  
    color:#617212  
}
```

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 #617212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617212
}
```

## Border

The CSS property to change the border of an element to Hex 617212 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
#617212 }
```

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

```
.border{ border-color:#617212 }
```

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

Here you see how a box with a 4 pixel #617212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617212; -webkit-box-shadow:4px 4px  
4px 4px #617212; box-shadow:4px 4px 4px  
4px #617212 }
```

# Background

The CSS property to change the background color of an element to Hex 617212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617212 }
```

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

```
.background{ background-color:#617212 }
```

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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