

# Converting Colors

Hex(610513)

Have a look what the booklet for  
Hex(610513) contains.

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# Color

**Hex(610513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	610513
RGB	97, 5, 19
RGB Percent	38%, 2%, 7%
CMY	0.6196, 0.9804, 0.9255
CMYK	0.00, 0.95, 0.80, 0.62
HSL	351°, 90%, 20%
HSV	351°, 95%, 38%
XYZ	5.1016, 2.6969, 0.8678
YIQ	34.1040, 50.3380, 23.8580

# Conversions

## Conversions Part 2

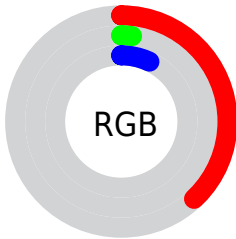
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>97, 5, 19</b>
Decimal	6358291
CIE Lab	18.79, 38.66, 19.98
CIE LCh	19, 43.521, 27.327
Yxy	2.6969, 0.5887, 0.3112
Android (android.graphics.Color)	4284548371 (0xFF610513)
YUV	34.1040, -7.4463, 55.1598
Hunter-Lab	16.4224, 26.7115, 8.3627

# Details

The Hex color **610513** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **056153**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **9A3D3D**, and **2D0001** is the 20% darker color. If you saturate the color by 10%, you get **61000F**, and if you desaturate by 10%, it is **610F1B**.

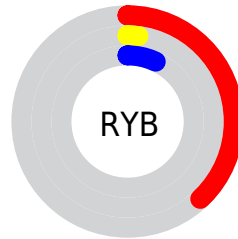
# Distribution



Red (38%)

Green (2%)

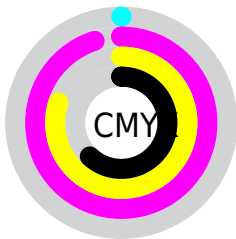
Blue (7%)



Red (38%)

Yellow (2%)

Blue (7%)

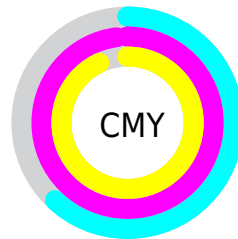


Cyan (0%)

Magenta (95%)

Yellow (80%)

Black (62%)



Cyan (62%)

Magenta (98%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 610513 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 610513 by changing the saturation by 10% instead.



 610513

 610513

 FFFBF3

 460000

 9A3D3D

 2D0001

 B75754

 000000


 D4706C

 F28B86

 FFA6A0

 FFC2BB

 FFDED7

 610513

 610513

■ 61000F

■ 610F1B

■ 611823

■ 61222C

■ 612C34

■ 61363C

■ 613F44

■ 61494D

■ 615355

■ 615C5D

# Harmonies

## Analogous

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



610032



610513



531D00

# Triad

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



610513



003806



00336E

# Complementary

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



610513



056153

# 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.



003963



610513



003A2A

# Square

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



610513



1E3400



003B4A



202767

# Rectangle

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



610513



442700



003B4A



00366C



# Sweetspot

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



610513



7D5A5F



520561



402A2D



BFBFBF



404040



# Same Dimension

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



610513



7D0013



612405



302C2C



700011



F00024



# Inverse Universe

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



610513



7D0013



054261



302C2C



700011

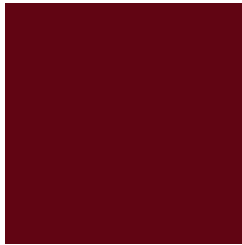


F00024



# Previews

## White Background



This preview shows how the Hex color 610513 looks on a white background.

## Color Contrast Check

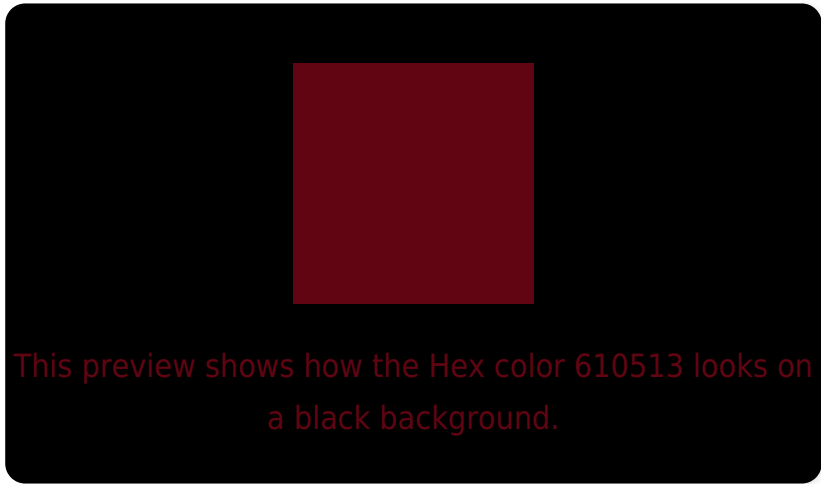
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

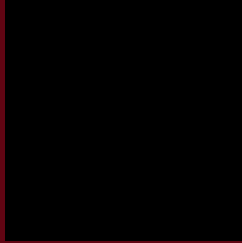
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 610513 Background



This preview shows how black text looks on a background with the Hex color 610513.



This preview shows how white text looks on a background with the Hex color 610513.

# 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**  
610513

**Protanopia**  
36311D

**Deuteranopia**  
3E2F0C



**Tritanopia**  
610904

# Trichromacy



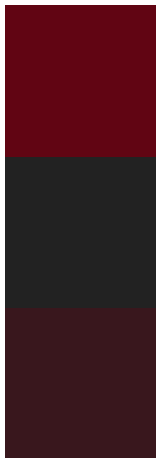
**Original Color**  
610513

**Protanomaly**  
462119

**Deuteranomaly**  
4B200F

**Tritanomaly**  
610809

# Monochromacy



**Original Color**  
610513

**Achromatopsia**  
222222

**Achromatomaly**  
39171D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 610513 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 #610513 looks like.

```
.text, #text, p{  
    color:#610513  
}
```

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 #610513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #610513
}
```

## Border

The CSS property to change the border of an element to Hex 610513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

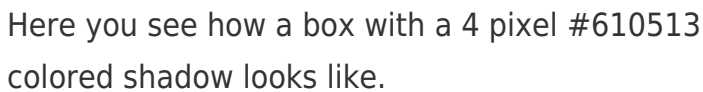
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#610513 }
```

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

```
.border{ border-color:#610513 }
```

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



Here you see how a box with a 4 pixel #610513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #610513; -webkit-box-shadow:4px 4px  
4px 4px #610513; box-shadow:4px 4px 4px  
4px #610513 }
```

# Background

The CSS property to change the background color of an element to Hex 610513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#610513 }
```

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

```
.background{ background-color:#610513 }
```

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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