

Converting Colors

Hex(612000)

Have a look what the booklet for
Hex(612000) contains.

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Color

Hex(612000)

Conversions

Conversions Part 1

Format	Color
Hex	612000
RGB	97, 32, 0
RGB Percent	38%, 13%, 0%
CMY	0.6196, 0.8745, 1.0000
CMYK	0.00, 0.67, 1.00, 0.62
HSL	20°, 100%, 19%
HSV	20°, 100%, 38%
XYZ	5.4463, 3.5744, 0.4029
YIQ	47.7870, 49.0120, 3.8280

Conversions

Conversions Part 2

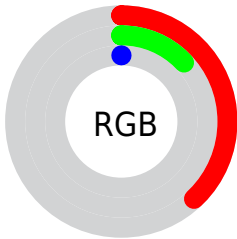
Format	Color
R_{YB}	97, 48, 0
Decimal	6365184
CIE Lab	22.21, 28.06, 32.53
CIE LCh	22, 42.961, 49.223
Yxy	3.5744, 0.5779, 0.3793
Android (android.graphics.Color)	4284555264 (0xFF612000)
YUV	47.7870, -23.5590, 43.1598
Hunter-Lab	18.9061, 18.3347, 11.9708

Details

The Hex color **612000** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004161**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **994F2F**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **612000**, and if you desaturate by 10%, it is **61260A**.

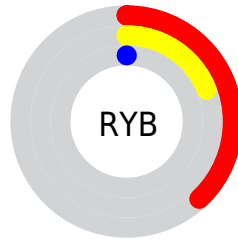
Distribution



Red (38%)

Green (13%)

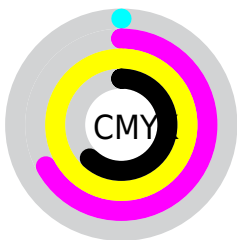
Blue (0%)



Red (38%)

Yellow (19%)

Blue (0%)

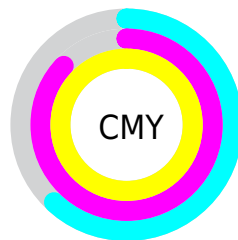


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612000 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 612000 by changing the saturation by 10% instead.

 612000

 612000

 FFFFE3

 460800

 994F2F

 2D0000

 B66846

 000000


 D4825E

 F29C77

 FFB791

 FFD3AC

 FFF0C7

 612000

■ 61260A

■ 612D13

■ 61341D

■ 613A27

■ 614131

■ 61473A

■ 614E44

■ 61544E

■ 615B57

Harmonies

Analogous

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



6C0D22



612000



4C3000

Triad

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



612000



004228



0D3272

Complementary

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



612000



004161

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.



003C74



612000



004349

Square

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



612000



003F04



004165



4F215F

Rectangle

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



612000



3A3700



004165



003675

Sweetspot

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



612000



7D6457



610042



403029



BFBFBF



404040

Same Dimension

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



612000



7D2900



614F00



302D2C



702500



F04F00

Inverse Universe

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



004161



00547D



001261



2C2F30



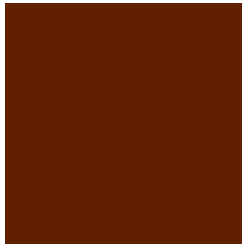
004B70



00A1F0

Previews

White Background



This preview shows how the Hex color 612000 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

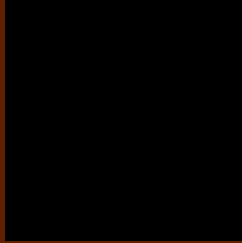
Any Text WCAG AA × Fail

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 612000 Background



This preview shows how black text looks on a background with the Hex color 612000.



This preview shows how white text looks on a background with the Hex color 612000.

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
612000

Protanopia
3E370A

Deuteranopia
453400



Tritanopia
621E1F

Trichromacy



Original Color
612000

Protanomaly
4B2F06

Deuteranomaly
4F2D00

Tritanomaly
621F14

Monochromacy



Original Color
612000

Achromatopsia
303030

Achromatomaly
422A1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 612000 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 #612000 looks like.

```
.text, #text, p{  
    color:#612000  
}
```

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 #612000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612000
}
```

Border

The CSS property to change the border of an element to Hex 612000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

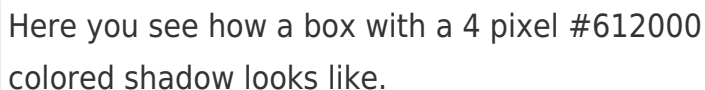
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612000 }
```

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

```
.border{ border-color:#612000 }
```

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



Here you see how a box with a 4 pixel #612000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612000; -webkit-box-shadow:4px 4px  
4px 4px #612000; box-shadow:4px 4px 4px  
4px #612000 }
```

Background

The CSS property to change the background color of an element to Hex 612000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612000 }
```

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

```
.background{ background-color:#612000 }
```

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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