

Converting Colors

Hex(612C1C)

Have a look what the booklet for
Hex(612C1C) contains.

Hex(612C1C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(612C1C)

Conversions

Conversions Part 1

Format	Color
Hex	612C1C
RGB	97, 44, 28
RGB Percent	38%, 17%, 11%
CMY	0.6196, 0.8275, 0.8902
CMYK	0.00, 0.55, 0.71, 0.62
HSL	14°, 55%, 25%
HSV	14°, 71%, 38%
XYZ	6.0400, 4.4266, 1.6347
YIQ	58.0230, 36.7240, 6.2600

Conversions

Conversions Part 2

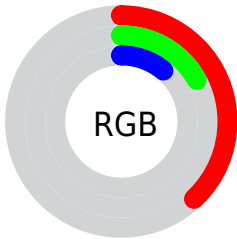
Format	Color
R_{YB}	97, 49, 28
Decimal	6368284
CIE _{Lab}	25.03, 22.66, 21.41
CIE _{LCh}	25, 31.172, 43.381
Yxy	4.4266, 0.4991, 0.3658
Android (android.graphics.Color)	4284558364 (0xFF612C1C)
YUV	58.0230, -14.8013, 34.1828
Hunter-Lab	21.0395, 14.4250, 10.1210

Details

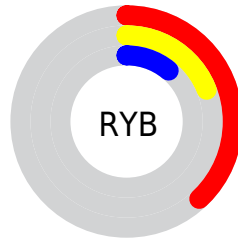
The Hex color **612C1C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C5161**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **975B48**, and **2E0000** is the 20% darker color. If you saturate the color by 10%, you get **612512**, and if you desaturate by 10%, it is **613326**.

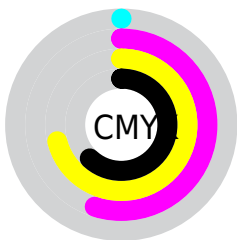
Distribution



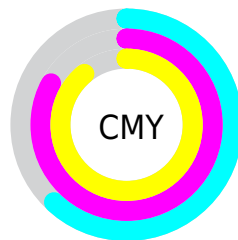
- Red (38%)
- Green (17%)
- Blue (11%)



- Red (38%)
- Yellow (19%)
- Blue (11%)



- Cyan (0%)
- Magenta (55%)
- Yellow (71%)
- Black (62%)



- Cyan (62%)
- Magenta (83%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 612C1C 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 612C1C by changing the saturation by 10% instead.

 612C1C

 612C1C

FFFFFF

 471603

 975B48

 2E0000

 B37460

 030000

 D08E79

 000000

 EDA893

 FFC4AD

 FFE0C9

 FFFDE5

 612C1C

 612C1C

■ 612512

■ 613326

■ 611D09

■ 613B2F

■ 611600

■ 614239

■ 614A43

■ 61514D

■ 615956

■ 616060

■ 61686A

■ 616F73

Harmonies

Analogous

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



662632



612C1C



52350B

Triad

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



612C1C



00462D



213A69

Complementary

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



612C1C



1C5161

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.



004268



612C1C



004746

Square

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



612C1C



234317



00465B



4A315E

Rectangle

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



612C1C



453B07



00465B



033D6A

Sweetspot

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



612C1C



7D6963



611C52



403430



BFBFBF



404040

Same Dimension

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



612C1C



7D2B13



614D1C



302D2C



701A00



F03800

Inverse Universe

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



1C5161



13647D



1C3061



2C2F30



005670



00B8F0

Previews

White Background



This preview shows how the Hex color 612C1C 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

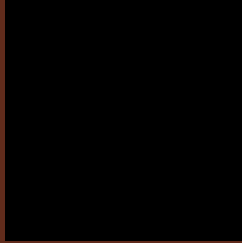
Any Text WCAG AA × Fail

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 612C1C Background



This preview shows how black text looks on a background with the Hex color 612C1C.

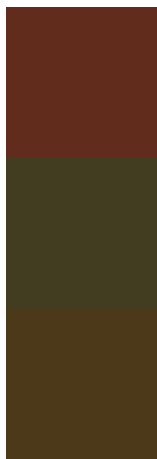


This preview shows how white text looks on a background with the Hex color 612C1C.

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
612C1C

Protanopia
423C21

Deuteranopia
4B3919



Tritanopia
622A2D

Trichromacy



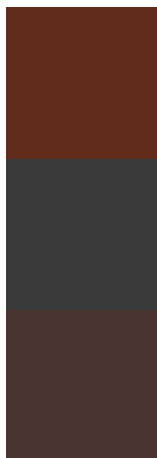
Original Color
612C1C

Protanomaly
4D361F

Deuteranomaly
53341A

Tritanomaly
622B27

Monochromacy



Original Color
612C1C

Achromatopsia
3A3A3A

Achromatomaly
48352F

CSS Examples

Text

The CSS property to change the color of the text to Hex 612C1C 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 #612C1C looks like.

```
.text, #text, p{  
    color:#612C1C  
}
```

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 #612C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612C1C
}
```

Border

The CSS property to change the border of an element to Hex 612C1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

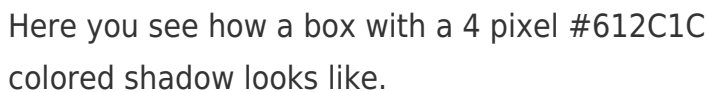
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612C1C }
```

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

```
.border{ border-color:#612C1C }
```

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



Here you see how a box with a 4 pixel #612C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612C1C; -webkit-box-shadow:4px 4px  
4px 4px #612C1C; box-shadow:4px 4px 4px  
4px #612C1C }
```

Background

The CSS property to change the background color of an element to Hex 612C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612C1C }
```

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

```
.background{ background-color:#612C1C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor