

Converting Colors

Hex(590202)

Have a look what the booklet for
Hex(590202) contains.

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Color

Hex(590202)

Conversions

Conversions Part 1

Format	Color
Hex	590202
RGB	89, 2, 2
RGB Percent	35%, 1%, 1%
CMY	0.6510, 0.9922, 0.9922
CMYK	0.00, 0.98, 0.98, 0.65
HSL	0°, 96%, 18%
HSV	0°, 98%, 35%
XYZ	4.1525, 2.1716, 0.2577
YIQ	28.0130, 51.8520, 18.4440

Conversions

Conversions Part 2

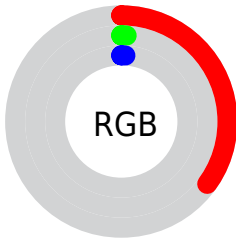
Format	Color
R_{YB}	89, 2, 2
Decimal	5833218
CIE Lab	16.36, 36.60, 24.53
CIE LCh	16, 44.060, 33.825
Yxy	2.1716, 0.6309, 0.3299
Android (android.graphics.Color)	4284023298 (0xFF590202)
YUV	28.0130, -12.8244, 53.4856
Hunter-Lab	14.7365, 24.5093, 9.2786

Details

The Hex color **590202** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **025959**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **913930**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **590000**, and if you desaturate by 10%, it is **590B0B**.

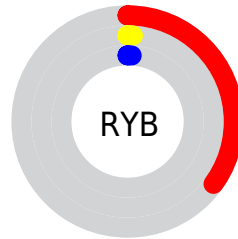
Distribution



Red (35%)

Green (1%)

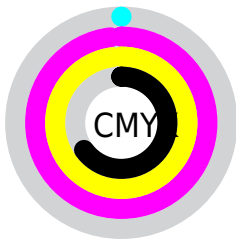
Blue (1%)



Red (35%)

Yellow (1%)

Blue (1%)

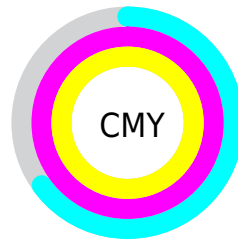


Cyan (0%)

Magenta (98%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 590202 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 590202 by changing the saturation by 10% instead.

 590202

 590202

 FFF5E3

 3D0000

 913930

 230001

 AE5247

 000000

 CC6C5F

 EA8677

 FFA191

 FFBCAC

 FFD9C7

 590202

 590202

■ 590000

■ 590B0B

■ 591414

■ 591D1D

■ 592626

■ 592F2F

■ 593737

■ 594040

■ 594949

■ 595252

Harmonies

Analogous

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



5D0026



590202



481B00

Triad

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



590202



003308



002C68

Complementary

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



590202



025959

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.



003362



590202



00352C

Square

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



590202



0D3000



00354B



291E5E

Rectangle

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



590202



392500



00354B



002F68

Sweetspot

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



590202



735151



590259



3B2626



BABABA



3B3B3B

Same Dimension

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



590202



730000



592E02



2B2727



6B0000



EB0000

Inverse Universe

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



025959



007373



022E59



272B2B



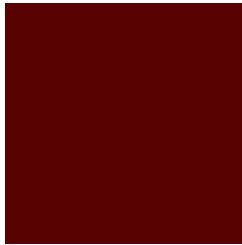
006B6B



00EBEB

Previews

White Background



This preview shows how the Hex color 590202 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

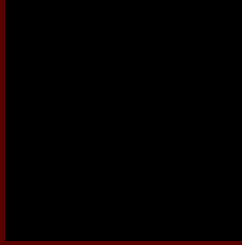
Any Text WCAG AA × Fail

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 590202 Background



This preview shows how black text looks on a background with the Hex color 590202.

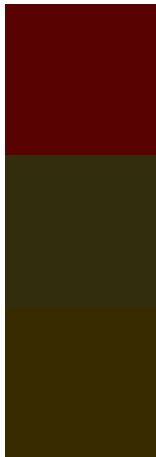


This preview shows how white text looks on a background with the Hex color 590202.

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
590202

Protanopia
322D0C

Deuteranopia
392B00

Trichromacy

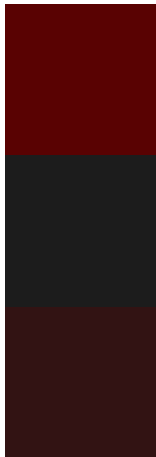


Original Color
590202

Protanomaly
401D08

Deuteranomaly
451C01

Monochromacy



Original Color
590202

Achromatopsia
1C1C1C

Achromatomaly
321313

CSS Examples

Text

The CSS property to change the color of the text to Hex 590202 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 #590202 looks like.

```
.text, #text, p{  
    color:#590202  
}
```

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 #590202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590202
}
```

Border

The CSS property to change the border of an element to Hex 590202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

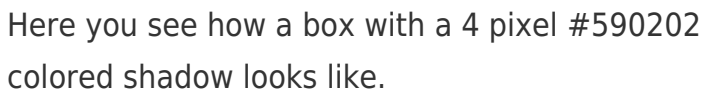
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#590202 }
```

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

```
.border{ border-color:#590202 }
```

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



Here you see how a box with a 4 pixel #590202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590202; -webkit-box-shadow:4px 4px  
4px 4px #590202; box-shadow:4px 4px 4px  
4px #590202 }
```

Background

The CSS property to change the background color of an element to Hex 590202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590202 }
```

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

```
.background{ background-color:#590202 }
```

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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