

# Converting Colors

Hex(591A0D)

Have a look what the booklet for  
Hex(591A0D) contains.

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**Color**

**Hex(591A0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	591A0D
RGB	89, 26, 13
RGB Percent	35%, 10%, 5%
CMY	0.6510, 0.8980, 0.9490
CMYK	0.00, 0.71, 0.85, 0.65
HSL	10°, 75%, 20%
HSV	10°, 85%, 35%
XYZ	4.5619, 2.8917, 0.6985
YIQ	43.3550, 41.7210, 9.3130

# Conversions

## Conversions Part 2

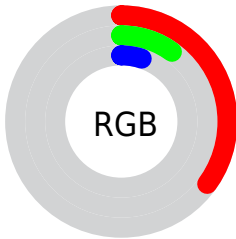
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 29, 13
Decimal	5839373
CIELab	19.60, 28.24, 23.81
CIElCh	20, 36.937, 40.138
Yxy	2.8917, 0.5596, 0.3547
Android (android.graphics.Color)	4284029453 (0xFF591A0D)
YUV	43.3550, -14.9650, 40.0307
Hunter-Lab	17.0050, 18.1268, 9.4681

# Details

The Hex color **591A0D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D4C59**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **904938**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **591304**, and if you desaturate by 10%, it is **592116**.

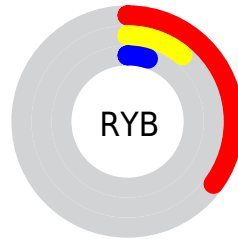
# Distribution



Red (35%)

Green (10%)

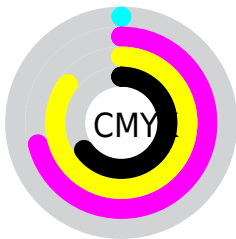
Blue (5%)



Red (35%)

Yellow (11%)

Blue (5%)

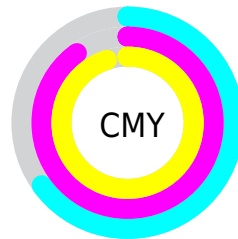


Cyan (0%)

Magenta (71%)

Yellow (85%)

Black (65%)



Cyan (65%)

Magenta (90%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 591A0D 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 591A0D by changing the saturation by 10% instead.



 591A0D

 591A0D

 FFFFED

 3F0200

 904938

 280001

 AC624F

 000000

 C97B67

 E79680

 FFB19A

 FFCCB5

 FFE9D1

 591A0D

 591A0D

■ 591304

■ 592116

■ 590F00

■ 59291F

■ 593028

■ 593831

■ 593F39

■ 594642

■ 594E4B

■ 595554

■ 595C5D

# Harmonies

## Analogous

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



5E0F28



591A0D



4A2700

# Triad

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



591A0D



003A1C



003065

# Complementary

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



591A0D



0D4C59

# 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.



003762



591A0D



003B38

# Square

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



591A0D



153700



003B52



3B2459

# Rectangle

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



591A0D



3C2E00



003B52



003366



# Sweetspot

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



591A0D



735A55



590D4C



3B2C28



BABABA



3B3B3B



# Same Dimension

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



591A0D



731400



59400D



2B2827



6B1200



EB2800



# Inverse Universe

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



0D4C59



005F73



0D2659



272B2B



00596B

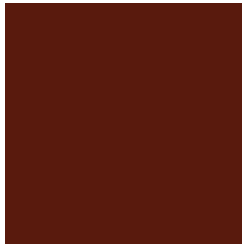


00C2EB



# Previews

## White Background



This preview shows how the Hex color 591A0D looks on a white background.

## Color Contrast Check

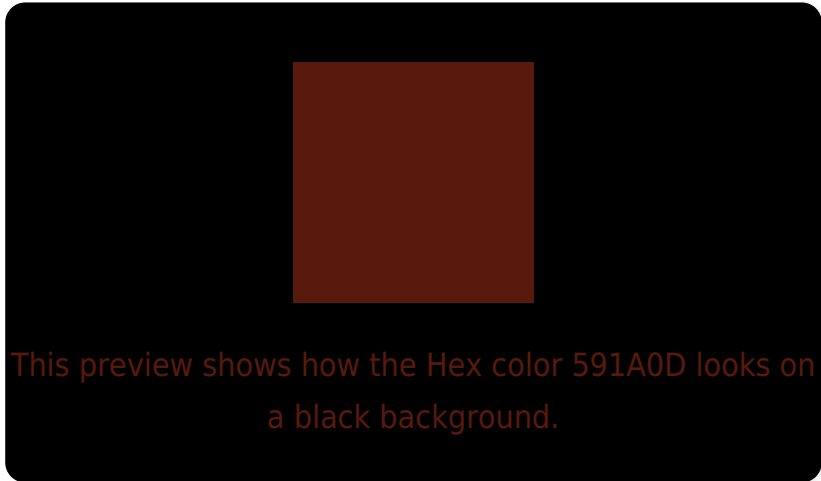
Large Text (above 18pt) WCAG AA ✓ Pass

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 591A0D Background



This preview shows how black text looks on a background with the Hex color 591A0D.

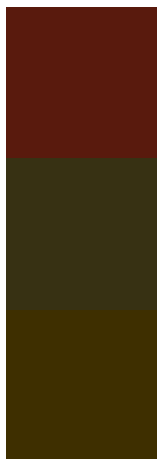


This preview shows how white text looks on a background with the Hex color 591A0D.

# 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**  
591A0D

**Protanopia**  
373113

**Deuteranopia**  
3E2F00



**Tritanopia**  
59191A

# Trichromacy



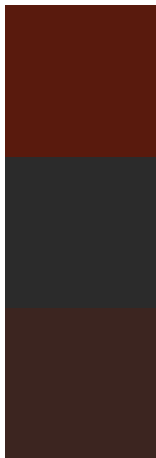
**Original Color**  
591A0D

**Protanomaly**  
432911

**Deuteranomaly**  
482705

**Tritanomaly**  
591915

# Monochromacy



**Original Color**  
591A0D

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
3C2520

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 591A0D 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 #591A0D looks like.

```
.text, #text, p{  
    color:#591A0D  
}
```

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 #591A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591A0D
}
```

## Border

The CSS property to change the border of an element to Hex 591A0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

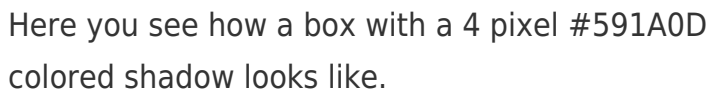
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#591A0D }
```

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

```
.border{ border-color:#591A0D }
```

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



Here you see how a box with a 4 pixel #591A0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591A0D; -webkit-box-shadow:4px 4px  
4px 4px #591A0D; box-shadow:4px 4px 4px  
4px #591A0D }
```

# Background

The CSS property to change the background color of an element to Hex 591A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591A0D }
```

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

```
.background{ background-color:#591A0D }
```

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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