

# Converting Colors

Hex(591005)

Have a look what the booklet for  
Hex(591005) contains.

<b>Hex(591005)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(591005)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	591005
RGB	89, 16, 5
RGB Percent	35%, 6%, 2%
CMY	0.6510, 0.9373, 0.9804
CMYK	0.00, 0.82, 0.94, 0.65
HSL	8°, 89%, 18%
HSV	8°, 94%, 35%
XYZ	4.3325, 2.5054, 0.3988
YIQ	36.5730, 47.0390, 12.0550

# Conversions

## Conversions Part 2

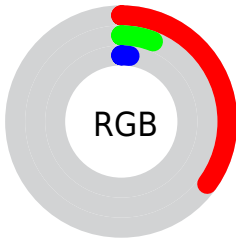
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 18, 5
Decimal	5836805
CIE Lab	17.94, 32.30, 25.23
CIE LCh	18, 40.990, 37.993
Yxy	2.5054, 0.5987, 0.3462
Android (android.graphics.Color)	4284026885 (0xFF591005)
YUV	36.5730, -15.5655, 45.9785
Hunter-Lab	15.8284, 21.1588, 9.5860

# Details

The Hex color **591005** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **054E59**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **914132**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **590C00**, and if you desaturate by 10%, it is **59180E**.

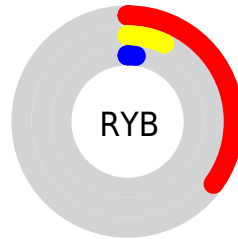
# Distribution



Red (35%)

Green (6%)

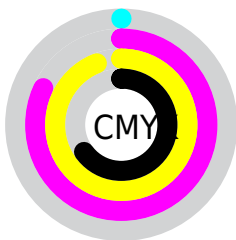
Blue (2%)



Red (35%)

Yellow (7%)

Blue (2%)

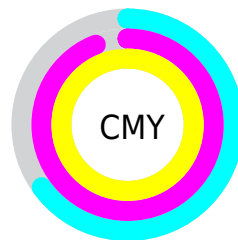


Cyan (0%)

Magenta (82%)

Yellow (94%)

Black (65%)



Cyan (65%)

Magenta (94%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 591005 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 591005 by changing the saturation by 10% instead.



 591005

 591005

 FFFDE6

 3E0000

 914132

 250001

 AD5A49

 000000

 CB7461

 E88E7A

 FFA994

 FFC4AE

 FFE1CA

 591005

 591005

■ 590C00

■ 59180E

■ 591F17

■ 592720

■ 592F29

■ 593731

■ 593E3A

■ 594643

■ 594E4C

■ 595655

# Harmonies

## Analogous

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



5E0025



591005



482200

# Triad

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



591005



003714



002D67

# Complementary

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



591005



054E59

# 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.



003563



591005



003833

# Square

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



591005



103400



003850



351F5B

# Rectangle

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



591005



392A00



003850



003168



# Sweetspot

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



591005



735753



59054F



3B2927



BABABA



3B3B3B



# Same Dimension

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



591005



730F00



593905



2B2827



6B0E00



EB1F00



# Inverse Universe

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



054E59



006473



052559



272B2B



005D6B

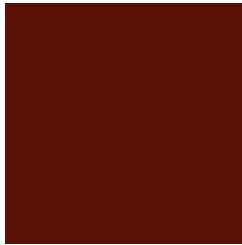


00CCEB



# Previews

## White Background



This preview shows how the Hex color 591005 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

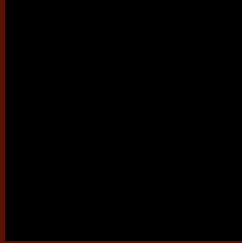
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 591005 Background



This preview shows how black text looks on a background with the Hex color 591005.

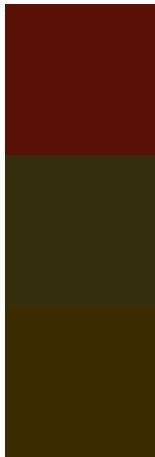


This preview shows how white text looks on a background with the Hex color 591005.

# 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**  
591005

**Protanopia**  
342E0C

**Deuteranopia**  
3A2C00



**Tritanopia**  
590F0F

# Trichromacy



**Original Color**  
591005

**Protanomaly**  
412309

**Deuteranomaly**  
452202

**Tritanomaly**  
590F0B

# Monochromacy



**Original Color**  
591005

**Achromatopsia**  
252525

**Achromatomaly**  
381D19

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 591005 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 #591005 looks like.

```
.text, #text, p{  
    color:#591005  
}
```

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 #591005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591005 }  
}
```

## Border

The CSS property to change the border of an element to Hex 591005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

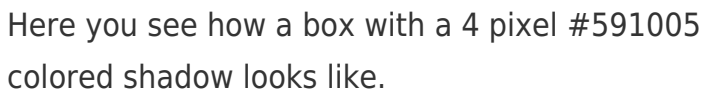
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #591005 }  
}
```

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

```
.border{ border-color:#591005 }
```

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



Here you see how a box with a 4 pixel #591005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591005; -webkit-box-shadow:4px 4px  
4px 4px #591005; box-shadow:4px 4px 4px  
4px #591005 }
```

# Background

The CSS property to change the background color of an element to Hex 591005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591005 }
```

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

```
.background{ background-color:#591005 }
```

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