

Converting Colors

Hex(590005)

Have a look what the booklet for
Hex(590005) contains.

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Color

Hex(590005)

Conversions

Conversions Part 1

Format	Color
Hex	590005
RGB	89, 0, 5
RGB Percent	35%, 0%, 2%
CMY	0.6510, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.94, 0.65
HSL	357°, 100%, 17%
HSV	357°, 100%, 35%
XYZ	4.1472, 2.1348, 0.3371
YIQ	27.1810, 51.4390, 20.4230

Conversions

Conversions Part 2

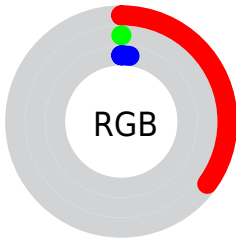
Format	Color
R _Y B	89, 0, 5
Decimal	5832709
CIE Lab	16.18, 37.32, 23.07
CIE LCh	16, 43.879, 31.727
Yxy	2.1348, 0.6266, 0.3225
Android (android.graphics.Color)	4284022789 (0xFF590005)
YUV	27.1810, -10.9352, 54.2153
Hunter-Lab	14.6110, 25.0967, 8.8599

Details

The Hex color **590005** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005954**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **913832**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **590005**, and if you desaturate by 10%, it is **59090D**.

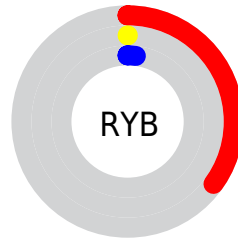
Distribution



Red (35%)

Green (0%)

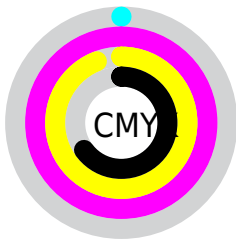
Blue (2%)



Red (35%)

Yellow (0%)

Blue (2%)

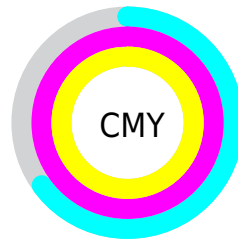


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (65%)



Cyan (65%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 590005 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 590005 by changing the saturation by 10% instead.

 590005

 590005

 FFF4E5

 3D0000

 913832

 230001

 AE5149

 000000

 CC6B61

 EA857A

 FFA093

 FFBBAE

 FFD8C9

 590005

■ 59090D

■ 591216

■ 591B1E

■ 592427

■ 592D2F

■ 593537

■ 593E40

■ 594748

■ 595051

Harmonies

Analogous

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



5C0028



590005



491A00

Triad

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



590005



003304



002C68

Complementary

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



590005



005954

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.



003360



590005



003429

Square

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



590005



102F00



003549



241F5E

Rectangle

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



590005



3A2400



003549



002F67

Sweetspot

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



590005



735052



530059



3B2627



BABABA



3B3B3B

Same Dimension

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



590005



730006



592700



2B2727



6B0006



EB000D

Inverse Universe

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



590005



730006



003259



2B2727



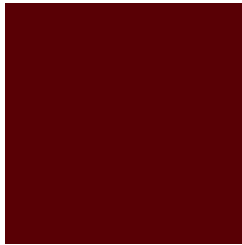
6B0006



EB000D

Previews

White Background



This preview shows how the Hex color 590005 looks on a white background.

Color Contrast Check

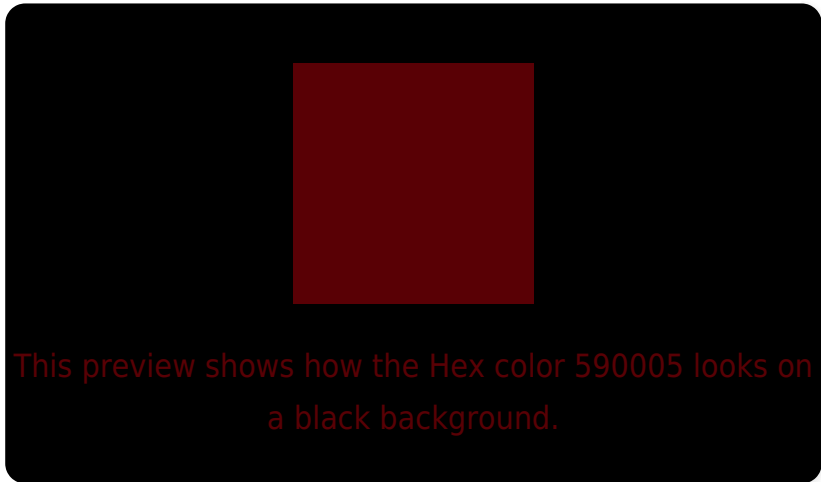
Large Text (above 18pt) WCAG AA ✓ Pass

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

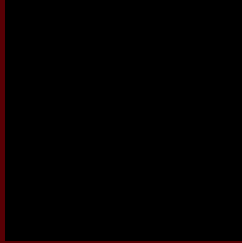
Any Text WCAG AA × Fail

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 590005 Background



This preview shows how black text looks on a background with the Hex color 590005.



This preview shows how white text looks on a background with the Hex color 590005.

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
590005

Protanopia
322D0D

Deuteranopia
392B00



Tritanopia
580800

Trichromacy



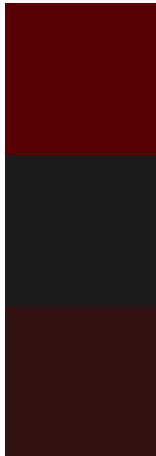
Original Color
590005

Protanomaly
401D0A

Deuteranomaly
451B02

Tritanomaly
580502

Monochromacy



Original Color
590005

Achromatopsia
1B1B1B

Achromatomaly
321113

CSS Examples

Text

The CSS property to change the color of the text to Hex 590005 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 #590005 looks like.

```
.text, #text, p{  
    color:#590005  
}
```

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 #590005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590005
}
```

Border

The CSS property to change the border of an element to Hex 590005 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".

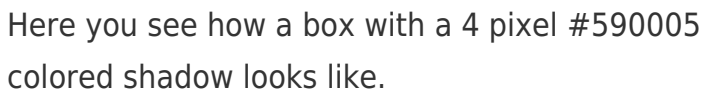
```
.border, #border, table{ border:4px solid
#590005 }
```

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

```
.border{ border-color:#590005 }
```

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

Here you see how a box with a 4 pixel #590005 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #590005 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590005; -webkit-box-shadow:4px 4px  
4px 4px #590005; box-shadow:4px 4px 4px  
4px #590005 }
```

Background

The CSS property to change the background color of an element to Hex 590005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590005 }
```

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

```
.background{ background-color:#590005 }
```

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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