

Converting Colors

Hex(594002)

Have a look what the booklet for
Hex(594002) contains.

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Color

Hex(594002)

Conversions

Conversions Part 1

Format	Color
Hex	594002
RGB	89, 64, 2
RGB Percent	35%, 25%, 1%
CMY	0.6510, 0.7490, 0.9922
CMYK	0.00, 0.28, 0.98, 0.65
HSL	43°, 96%, 18%
HSV	43°, 98%, 35%
XYZ	5.9642, 5.7950, 0.8616
YIQ	64.4070, 34.8020, -13.9820

Conversions

Conversions Part 2

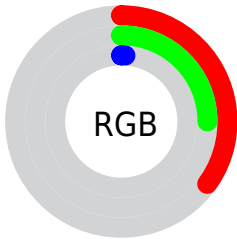
Format	Color
R_YB	37, 89, 2
Decimal	5849090
CIE _{Lab}	28.89, 5.20, 37.48
CIE _{LCh}	29, 37.844, 82.101
Yxy	5.7950, 0.4726, 0.4592
Android (android.graphics.Color)	4284039170 (0xFF594002)
YUV	64.4070, -30.7667, 21.5681
Hunter-Lab	24.0729, 2.0968, 14.7288

Details

The Hex color **594002** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **021B59**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **8F6F33**, and **271600** is the 20% darker color. If you saturate the color by 10%, you get **593F00**, and if you desaturate by 10%, it is **59430B**.

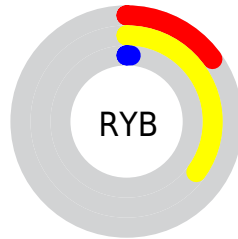
Distribution



Red (35%)

Green (25%)

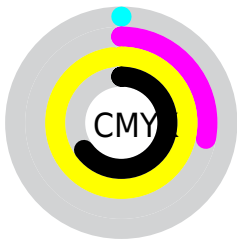
Blue (1%)



Red (15%)

Yellow (35%)

Blue (1%)

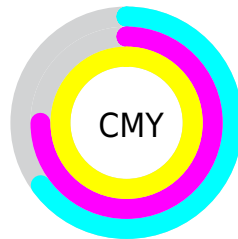


Cyan (0%)

Magenta (28%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 594002 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 594002 by changing the saturation by 10% instead.

 594002

 594002

 FFFFEB

 402A00

 8F6F33

 271600

 AA894B

 010000

 C7A364

 000000

 E4BE7E

 FFDA98

 FFF6B3

 FFFFCE

 594002

 594002

■ 593F00

■ 59430B

■ 594514

■ 59481D

■ 594A26

■ 594D2F

■ 594F37

■ 595240

■ 595449

■ 595752

Harmonies

Analogous

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



6E3416



594002



3E4905

Triad

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



594002



005259



603268

Complementary

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



594002



021B59

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.



35407B



594002



005072

Square

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



594002



00513B



004A7E



75284D

Rectangle

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



594002



274D15



004A7E



543770

Sweetspot

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



594002



736951



59021C



3B3526



BABABA



3B3B3B

Same Dimension

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



594002



735200



485902



2B2A27



6B4C00



EBA700

Inverse Universe

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



021B59



002173



130259



27282B



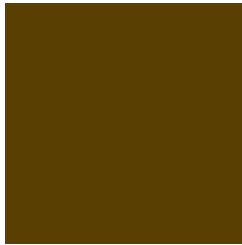
001F6B



0043EB

Previews

White Background



This preview shows how the Hex color 594002 looks on a white background.

Color Contrast Check

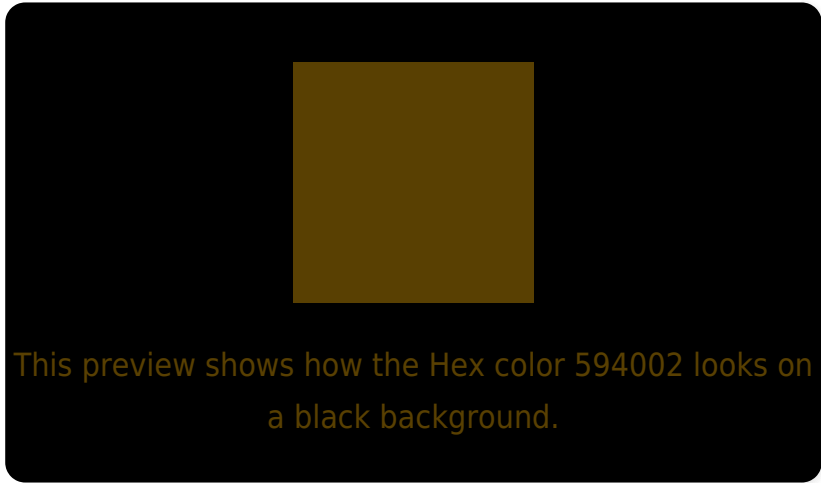
Large Text (above 18pt) WCAG AA ✓ Pass

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

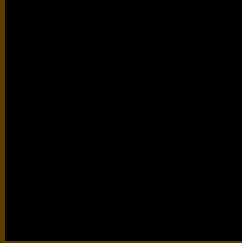
Any Text WCAG AA × Fail

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 594002 Background



This preview shows how black text looks on a background with the Hex color 594002.



This preview shows how white text looks on a background with the Hex color 594002.

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
594002

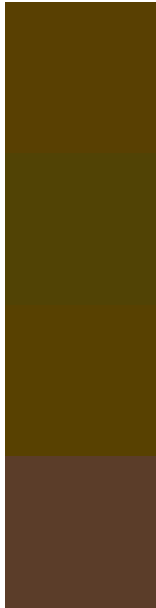
Protanopia
4D4506

Deuteranopia
574100



Tritanopia
5C3B40

Trichromacy



Original Color
594002

Protanomaly
514305

Deuteranomaly
584101

Tritanomaly
5B3D29

Monochromacy



Original Color
594002

Achromatopsia
404040

Achromatomaly
494029

CSS Examples

Text

The CSS property to change the color of the text to Hex 594002 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 #594002 looks like.

```
.text, #text, p{  
    color:#594002  
}
```

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 #594002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594002
}
```

Border

The CSS property to change the border of an element to Hex 594002 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
#594002 }
```

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

```
.border{ border-color:#594002 }
```

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

Here you see how a box with a 4 pixel #594002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594002; -webkit-box-shadow:4px 4px  
4px 4px #594002; box-shadow:4px 4px 4px  
4px #594002 }
```

Background

The CSS property to change the background color of an element to Hex 594002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594002 }
```

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

```
.background{ background-color:#594002 }
```

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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