

# Converting Colors

Hex(595004)

Have a look what the booklet for  
Hex(595004) contains.

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**Color**

**Hex(595004)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	595004
RGB	89, 80, 4
RGB Percent	35%, 31%, 2%
CMY	0.6510, 0.6863, 0.9843
CMYK	0.00, 0.10, 0.96, 0.65
HSL	54°, 91%, 18%
HSV	54°, 96%, 35%
XYZ	7.0104, 7.8699, 1.2644
YIQ	74.0270, 29.7600, -21.7280

# Conversions

## Conversions Part 2

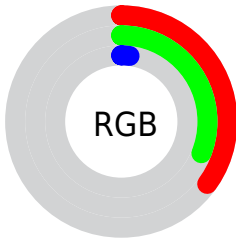
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 89, 4
Decimal	5853188
CIELab	33.71, -4.58, 40.42
CIELCh	34, 40.676, 96.469
Yxy	7.8699, 0.4342, 0.4875
Android (android.graphics.Color)	4284043268 (0xFF595004)
YUV	74.0270, -34.5233, 13.1313
Hunter-Lab	28.0534, -4.4872, 16.9651

# Details

The Hex color **595004** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **040D59**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8E8138**, and **272400** is the 20% darker color. If you saturate the color by 10%, you get **595000**, and if you desaturate by 10%, it is **59510D**.

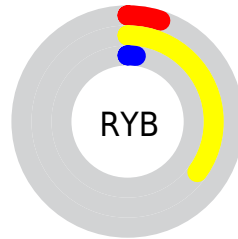
# Distribution



Red (35%)

Green (31%)

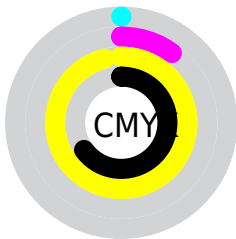
Blue (2%)



Red (5%)

Yellow (35%)

Blue (2%)

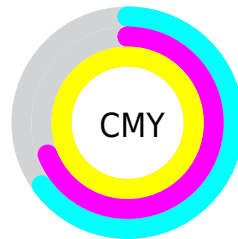


Cyan (0%)

Magenta (10%)

Yellow (96%)

Black (65%)



Cyan (65%)

Magenta (69%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 595004 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 595004 by changing the saturation by 10% instead.



 595004

 595004

 FFFFF3

 413900

 8E8138

 272400

 A99B51

 091000

 C6B66A

 000000

 E2D184

 FFED9E

 FFFFBA

 FFFF66

 595004

 595004

■ 595000

■ 59510D

■ 595216

■ 59531F

■ 595428

■ 595531

■ 595639

■ 595742

■ 59584B

■ 595854

# Harmonies

## Analogous

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



744411



595004



375816

# Triad

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



595004



005E75



7B366A

# Complementary

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



595004



040D59

# 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.



594483



595004



00598A

# Square

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



595004



005E56



045190



892F4A

# Rectangle

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



595004



135C2A



045190



723A73



# Sweetspot

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



595004



736F51



59040E



3B3826



BABABA



3B3B3B



# Same Dimension

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



595004



736700



385904



2B2B27



6B6000



EBD200



# Inverse Universe

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



040D59



000C73



250459



27272B



000B6B

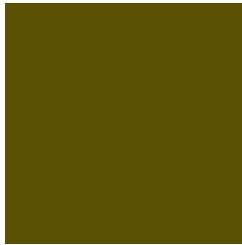


0019EB



# Previews

## White Background



This preview shows how the Hex color 595004 looks on a white background.

## Color Contrast Check

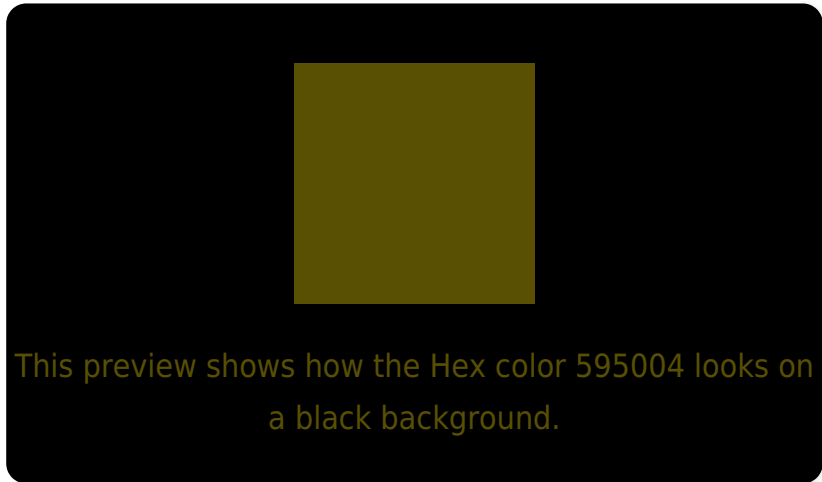
Large Text (above 18pt) WCAG AA ✓ Pass

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

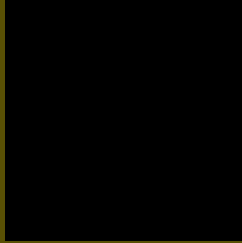
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 595004 Background



This preview shows how black text looks on a background with the Hex color 595004.



This preview shows how white text looks on a background with the Hex color 595004.

# 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**  
595004

**Protanopia**  
5A5004

**Deuteranopia**  
644B0B



**Tritanopia**  
5E4A50

# Trichromacy



**Original Color**  
595004

**Protanomaly**  
5A5004

**Deuteranomaly**  
604D08

**Tritanomaly**  
5C4C34

# Monochromacy



**Original Color**  
595004

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
4F4C31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 595004 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 #595004 looks like.

```
.text, #text, p{  
    color:#595004  
}
```

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 #595004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595004
}
```

## Border

The CSS property to change the border of an element to Hex 595004 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
#595004 }
```

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

```
.border{ border-color:#595004 }
```

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

Here you see how a box with a 4 pixel #595004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595004; -webkit-box-shadow:4px 4px  
4px 4px #595004; box-shadow:4px 4px 4px  
4px #595004 }
```

# Background

The CSS property to change the background color of an element to Hex 595004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595004 }
```

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

```
.background{ background-color:#595004 }
```

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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