

# Converting Colors

Hex(595729)

Have a look what the booklet for  
Hex(595729) contains.

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**Color**

**Hex(595729)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	595729
RGB	89, 87, 41
RGB Percent	35%, 34%, 16%
CMY	0.6510, 0.6588, 0.8392
CMYK	0.00, 0.02, 0.54, 0.65
HSL	58°, 37%, 25%
HSV	58°, 54%, 35%
XYZ	7.9283, 9.1003, 3.4365
YIQ	82.3540, 15.9580, -13.8820

# Conversions

## Conversions Part 2

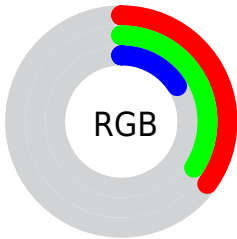
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 89, 41
Decimal	5855017
CIE Lab	36.18, -6.43, 26.76
CIE LCh	36, 27.518, 103.522
Yxy	9.1003, 0.3874, 0.4447
Android (android.graphics.Color)	4284045097 (0xFF595729)
YUV	82.3540, -20.3875, 5.8285
Hunter-Lab	30.1668, -5.8795, 14.3626

# Details

The Hex color **595729** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **292B59**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8C8958**, and **2B2A00** is the 20% darker color. If you saturate the color by 10%, you get **595720**, and if you desaturate by 10%, it is **595732**.

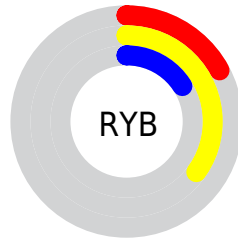
# Distribution



Red (35%)

Green (34%)

Blue (16%)



Red (17%)

Yellow (35%)

Blue (16%)

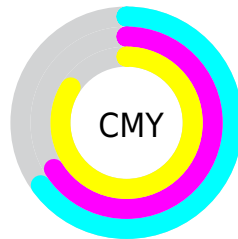


Cyan (0%)

Magenta (2%)

Yellow (54%)

Black (65%)



Cyan (65%)

Magenta (66%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 595729 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 595729 by changing the saturation by 10% instead.





595729



595729

FFFFFF



414013



8C8958



2B2A00



A7A371



111600



C3BE8A



000000



DFDAA5



FCF6C0



FFFFDC



FFFFF9



595729



595729

■ 595720

■ 595732

■ 595617

■ 59583B

■ 59560E

■ 595844

■ 595605

■ 59584D

■ 595500

■ 595956

■ 59595E

■ 595A67

■ 595A70

■ 595A79

# Harmonies

## Analogous

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



6D502B



595729



415D34

# Triad

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



595729



005F73



784562

# Complementary

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



595729



292B59

# 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.



644C75



595729



105B7F

# Square

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



595729



00615F



445480



7F434C

# Rectangle

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



595729



2D5F41



445480



734769



# Sweetspot

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



595729



737260



59292B



3B3A30



BABABA



3B3B3B



# Same Dimension

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



595729



737028



435929



2B2B27



6B6700



EBE100



# Inverse Universe

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



292B59



282B73



3F2959



27272B



00046B



000AEB



# Previews

## White Background



This preview shows how the Hex color 595729 looks on a white background.

## Color Contrast Check

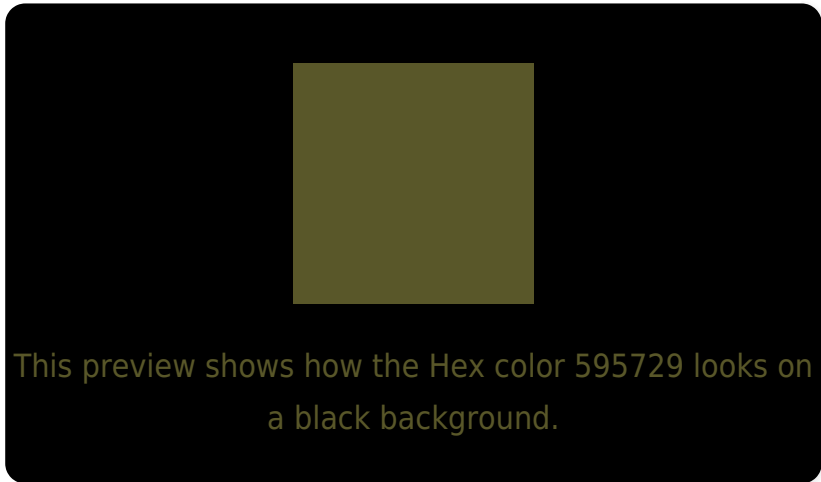
Large Text (above 18pt) WCAG AA ✓ Pass

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

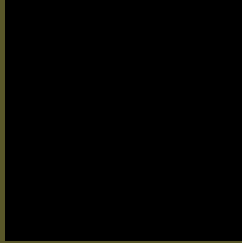
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

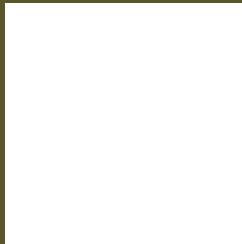
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 595729 Background



This preview shows how black text looks on a background with the Hex color 595729.



This preview shows how white text looks on a background with the Hex color 595729.

# 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**  
595729

**Protanopia**  
5E5528

**Deuteranopia**  
69512B



**Tritanopia**  
5E5258

# Trichromacy



**Original Color**  
595729

**Protanomaly**  
5C5628

**Deuteranomaly**  
63532A

**Tritanomaly**  
5C5447

# Monochromacy



**Original Color**  
595729

**Achromatopsia**  
525252

**Achromatomaly**  
555443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 595729 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 #595729 looks like.

```
.text, #text, p{  
    color:#595729  
}
```

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 #595729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595729
}
```

## Border

The CSS property to change the border of an element to Hex 595729 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".

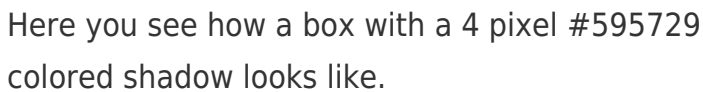
```
.border, #border, table{ border:4px solid
#595729 }
```

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

```
.border{ border-color:#595729 }
```

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

Here you see how a box with a 4 pixel #595729 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595729; -webkit-box-shadow:4px 4px  
4px 4px #595729; box-shadow:4px 4px 4px  
4px #595729 }
```

# Background

The CSS property to change the background color of an element to Hex 595729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595729 }
```

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

```
.background{ background-color:#595729 }
```

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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