

# Converting Colors

Hex(595B15)

Have a look what the booklet for  
Hex(595B15) contains.

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**Color**

**Hex(595B15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	595B15
RGB	89, 91, 21
RGB Percent	35%, 36%, 8%
CMY	0.6510, 0.6431, 0.9176
CMYK	0.02, 0.00, 0.77, 0.64
HSL	62°, 63%, 22%
HSV	62°, 77%, 36%
XYZ	7.9963, 9.6602, 2.1526
YIQ	82.4220, 21.2780, -22.1940

# Conversions

## Conversions Part 2

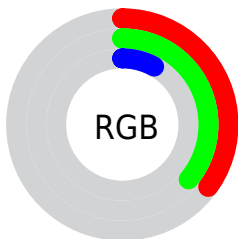
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	21, 91, 23
Decimal	5856021
CIE Lab	37.23, -10.33, 37.69
CIE LCh	37, 39.079, 105.330
Yxy	9.6602, 0.4037, 0.4877
Android (android.graphics.Color)	4284046101 (0xFF595B15)
YUV	82.4220, -30.2810, 5.7689
Hunter-Lab	31.0808, -8.4681, 17.6502

# Details

The Hex color **595B15** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **17155B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8D8D46**, and **292E00** is the 20% darker color. If you saturate the color by 10%, you get **595B0C**, and if you desaturate by 10%, it is **595B1E**.

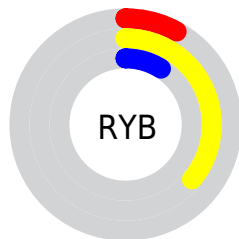
# Distribution



Red (35%)

Green (36%)

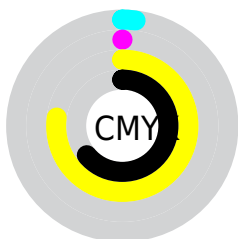
Blue (8%)



Red (8%)

Yellow (36%)

Blue (9%)

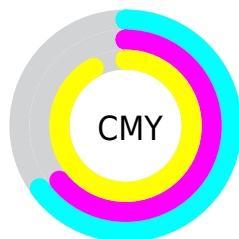


Cyan (2%)

Magenta (0%)

Yellow (77%)

Black (64%)



Cyan (65%)

Magenta (64%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 595B15 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 595B15 by changing the saturation by 10% instead.





595B15



595B15

FFFFFF



404400



8D8D46



292E00



A8A75E



0D1A00



C4C278



000000



E1DE92



FEFBAD



FFFFC9



FFFFE5



595B15



595B15

■ 595B0C

■ 595B1E

■ 585B03

■ 5A5B27

■ 585B00

■ 5A5B30

■ 5A5B39

■ 5A5B42

■ 5B5B4C

■ 5B5B55

■ 5B5B5E

■ 5B5B67

# Harmonies

## Analogous

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



755017



595B15



356229

# Triad

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



595B15



006584



893D68

# Complementary

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



595B15



17155B

# 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.



6E4884



595B15



005F94

# Square

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



595B15



006767



3B5594



913B49

# Rectangle

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



595B15



07653C



3B5594



824072



# Sweetspot

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



595B15



75755A



5B1615



3A3B2A



BABABA



3B3B3B



# Same Dimension

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



595B15



727509



375B15



2E2E29



6B6E00



E6ED00



# Inverse Universe

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



17155B



0C0975



39155B



29292E



03006E



0700ED



# Previews

## White Background



This preview shows how the Hex color 595B15 looks on a white background.

## Color Contrast Check

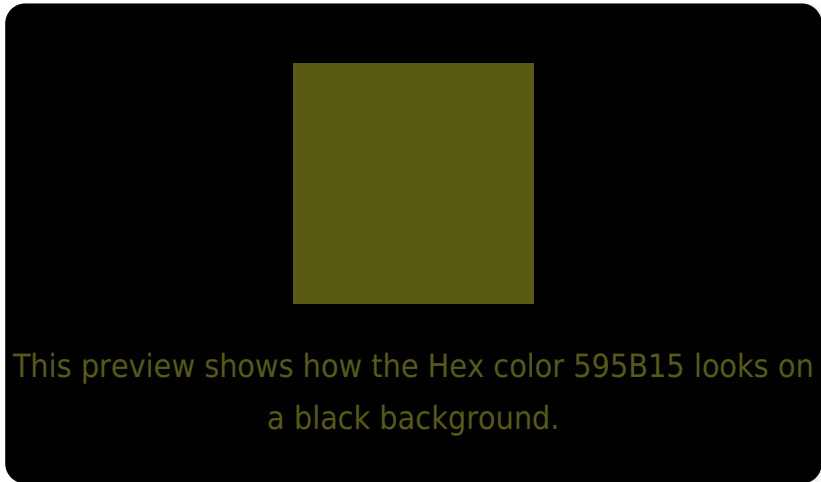
Large Text (above 18pt) WCAG AA ✓ Pass

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

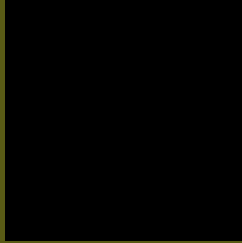
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 595B15 Background



This preview shows how black text looks on a background with the Hex color 595B15.



This preview shows how white text looks on a background with the Hex color 595B15.

# 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](#).

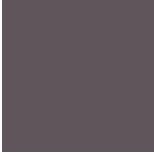
## Dichromacy



**Original Color**  
595B15

**Protanopia**  
635814

**Deuteranopia**  
6E5319



**Tritanopia**  
5F555B

# Trichromacy



**Original Color**  
595B15

**Protanomaly**  
5F5914

**Deuteranomaly**  
665618

**Tritanomaly**  
5D5742

# Monochromacy



**Original Color**  
595B15

**Achromatopsia**  
525252

**Achromatomaly**  
55553C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 595B15 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 #595B15 looks like.

```
.text, #text, p{  
    color:#595B15  
}
```

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 #595B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595B15
}
```

## Border

The CSS property to change the border of an element to Hex 595B15 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
#595B15 }
```

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

```
.border{ border-color:#595B15 }
```

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

Here you see how a box with a 4 pixel #595B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595B15; -webkit-box-shadow:4px 4px  
4px 4px #595B15; box-shadow:4px 4px 4px  
4px #595B15 }
```

# Background

The CSS property to change the background color of an element to Hex 595B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595B15 }
```

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

```
.background{ background-color:#595B15 }
```

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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