

# Converting Colors

Hex(595B33)

Have a look what the booklet for  
Hex(595B33) contains.

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**Color**

**Hex(595B33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	595B33
RGB	89, 91, 51
RGB Percent	35%, 36%, 20%
CMY	0.6510, 0.6431, 0.8000
CMYK	0.02, 0.00, 0.44, 0.64
HSL	63°, 28%, 28%
HSV	63°, 44%, 36%
XYZ	8.4585, 9.8450, 4.5864
YIQ	85.8420, 11.6480, -12.8640

# Conversions

## Conversions Part 2

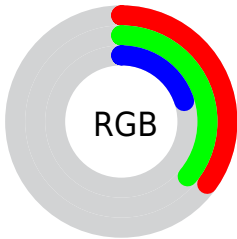
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 91, 53
Decimal	5856051
CIELab	37.56, -7.64, 22.76
CIELCh	38, 24.011, 108.563
Yxy	9.8450, 0.3695, 0.4301
Android (android.graphics.Color)	4284046131 (0xFF595B33)
YUV	85.8420, -17.1771, 2.7696
Hunter-Lab	31.3768, -6.7900, 13.2972

# Details

The Hex color **595B33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35335B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8C8D62**, and **2A2D06** is the 20% darker color. If you saturate the color by 10%, you get **595B2A**, and if you desaturate by 10%, it is **595B3C**.

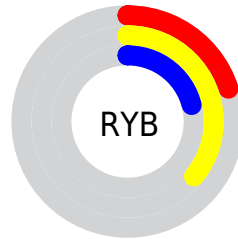
# Distribution



 Red (35%)

 Green (36%)

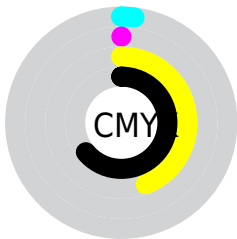
 Blue (20%)



 Red (20%)

 Yellow (36%)

 Blue (21%)

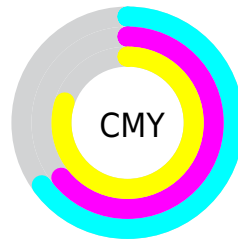


 Cyan (2%)

 Magenta (0%)

 Yellow (44%)

 Black (64%)



 Cyan (65%)

 Magenta (64%)

 Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 595B33 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 595B33 by changing the saturation by 10% instead.



 595B33

 595B33

FFFFFF

 41441D

 8C8D62

 2A2D06

 A6A77B

 141900

 C2C395

 000000

 DEDEB0

 FBFBCB

 FFFFE8

 595B33

 595B33

 595B2A

 595B3C

 585B21

 5A5B45

 585B18

 5A5B4E

 575B0F

 5B5B57

 575B06

 5B5B61

 565B00

 5C5B6A

 5C5B73

 5D5B7C

 5D5B85

# Harmonies

## Analogous

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



6C5532



595B33



43603E

# Triad

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



595B33



086175



794A61

# Complementary

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



595B33



35335B

# 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.



694F72



595B33



2F5D7E

# Square

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



595B33



0A6364



50567D



7E4A4D

# Rectangle

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



595B33



32624A



50567D



754B67



# Sweetspot

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



595B33



757566



5B3533



3A3B31



BABABA



3B3B3B



# Same Dimension

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



595B33



727537



455B33



2E2E29



686E00



E1ED00



# Inverse Universe

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



35335B



3A3775



49335B



2A292E



05006E



0C00ED



# Previews

## White Background



This preview shows how the Hex color 595B33 looks on a white background.

## Color Contrast Check

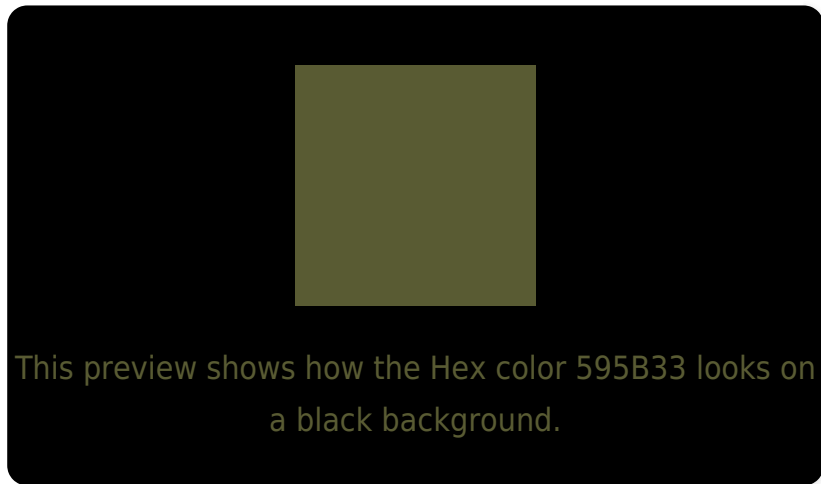
Large Text (above 18pt) WCAG AA ✓ Pass

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

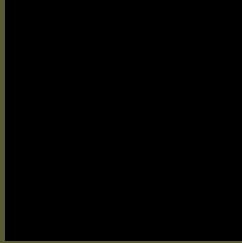
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

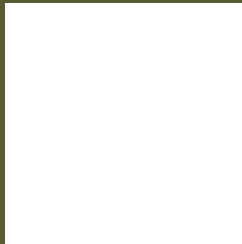
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 595B33 Background



This preview shows how black text looks on a background with the Hex color 595B33.



This preview shows how white text looks on a background with the Hex color 595B33.

# 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](#).

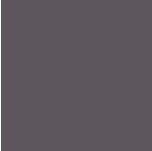
## Dichromacy



**Original Color**  
595B33

**Protanopia**  
615832

**Deuteranopia**  
6B5435



**Tritanopia**  
5E565D

# Trichromacy



**Original Color**  
595B33

**Protanomaly**  
5E5932

**Deuteranomaly**  
645734

**Tritanomaly**  
5C584E

# Monochromacy



**Original Color**  
595B33

**Achromatopsia**  
565656

**Achromatomaly**  
575849

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 595B33 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 #595B33 looks like.

```
.text, #text, p{  
    color:#595B33  
}
```

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 #595B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595B33
}
```

## Border

The CSS property to change the border of an element to Hex 595B33 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".

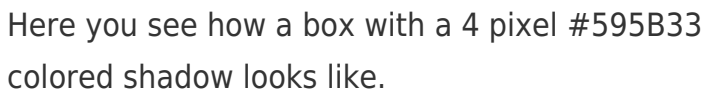
```
.border, #border, table{ border:4px solid
#595B33 }
```

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

```
.border{ border-color:#595B33 }
```

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

Here you see how a box with a 4 pixel #595B33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595B33; -webkit-box-shadow:4px 4px  
4px 4px #595B33; box-shadow:4px 4px 4px  
4px #595B33 }
```

# Background

The CSS property to change the background color of an element to Hex 595B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595B33 }
```

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

```
.background{ background-color:#595B33 }
```

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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