

# Converting Colors

Hex(595A40)

Have a look what the booklet for  
Hex(595A40) contains.

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# Color

**Hex(595A40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	595A40
RGB	89, 90, 64
RGB Percent	35%, 35%, 25%
CMY	0.6510, 0.6471, 0.7490
CMYK	0.01, 0.00, 0.29, 0.65
HSL	62°, 17%, 30%
HSV	62°, 29%, 35%
XYZ	8.7014, 9.8063, 6.2847
YIQ	86.7370, 7.7500, -8.2980

# Conversions

## Conversions Part 2

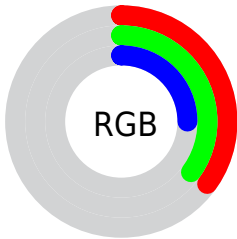
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 90, 65
Decimal	5855808
CIELab	37.49, -5.22, 14.94
CIElCh	37, 15.823, 109.276
Yxy	9.8063, 0.3510, 0.3955
Android (android.graphics.Color)	4284045888 (0xFF595A40)
YUV	86.7370, -11.2093, 1.9847
Hunter-Lab	31.3151, -5.2023, 10.0215

# Details

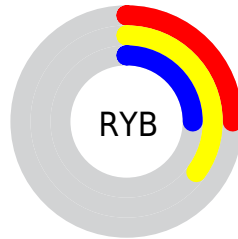
The Hex color **595A40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41405A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8B8C70**, and **2B2D15** is the 20% darker color. If you saturate the color by 10%, you get **595A37**, and if you desaturate by 10%, it is **595A49**.

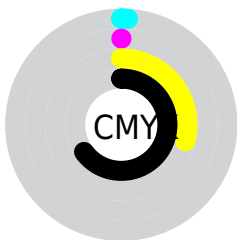
# Distribution



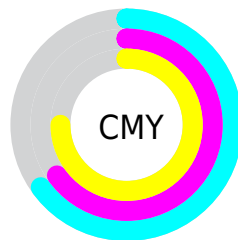
- Red (35%)
- Green (35%)
- Blue (25%)



- Red (25%)
- Yellow (35%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (65%)



- Cyan (65%)
- Magenta (65%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 595A40 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 595A40 by changing the saturation by 10% instead.





595A40



595A40

FFFFFF



41432A



8B8C70



2B2D15



A6A689



171800



C1C1A4



000000



DDDDBF



FAFADB



FFFFFF7



595A40



595A40



595A37



595A49

■ 585A2E

■ 5A5A52

■ 585A25

■ 5A5A5B

■ 585A1C

■ 5A5A64

■ 575A13

■ 5B5A6D

■ 575A0A

■ 5B5A76

■ 575A01

■ 5B5A7F

■ 575A00

■ 5C5A88

■ 5C5A91

# Harmonies

## Analogous

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



66563F



595A40



4A5D47

# Triad

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



595A40



355E6B



6F4F5D

# Complementary

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



595A40



41405A

# 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.



645269



595A40



425B71

# Square

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



595A40



335F60



545770



724F50

# Rectangle

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



595A40



415F4F



545770



6C5062



# Sweetspot

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



595A40



75756B



5A4140



3A3B34



BABABA



3B3B3B



# Same Dimension

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



595A40



74754C



4C5A40



2E2E29



696E00



E4ED00



# Inverse Universe

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



41405A



4E4C75



4E405A



29292E



04006E



0900ED



# Previews

## White Background



This preview shows how the Hex color 595A40 looks on a white background.

## Color Contrast Check

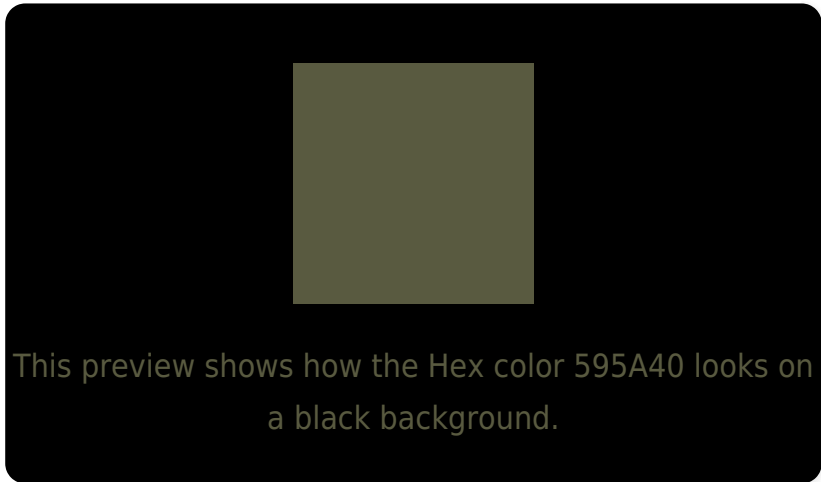
Large Text (above 18pt) WCAG AA ✓ Pass

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

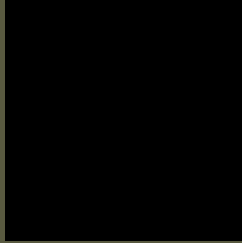
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

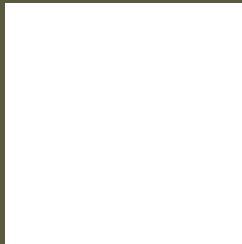
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 595A40 Background



This preview shows how black text looks on a background with the Hex color 595A40.



This preview shows how white text looks on a background with the Hex color 595A40.

# 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**  
595A40

**Protanopia**  
5F583F

**Deuteranopia**  
685541



**Tritanopia**  
5D565D

# Trichromacy



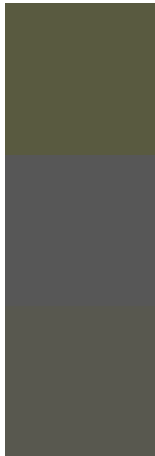
**Original Color**  
595A40

**Protanomaly**  
5D593F

**Deuteranomaly**  
635741

**Tritanomaly**  
5C5752

# Monochromacy



**Original Color**  
595A40

**Achromatopsia**  
575757

**Achromatomaly**  
58584F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 595A40 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 #595A40 looks like.

```
.text, #text, p{  
    color:#595A40  
}
```

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 #595A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595A40
}
```

## Border

The CSS property to change the border of an element to Hex 595A40 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".

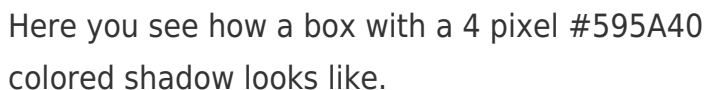
```
.border, #border, table{ border:4px solid
#595A40 }
```

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

```
.border{ border-color:#595A40 }
```

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

Here you see how a box with a 4 pixel #595A40 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595A40; -webkit-box-shadow:4px 4px  
4px 4px #595A40; box-shadow:4px 4px 4px  
4px #595A40 }
```

# Background

The CSS property to change the background color of an element to Hex 595A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595A40 }
```

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

```
.background{ background-color:#595A40 }
```

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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