

# Converting Colors

Hex(48595E)

Have a look what the booklet for  
Hex(48595E) contains.

<b>Hex(48595E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(48595E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48595E
RGB	72, 89, 94
RGB Percent	28%, 35%, 37%
CMY	0.7176, 0.6510, 0.6314
CMYK	0.23, 0.05, 0.00, 0.63
HSL	194°, 13%, 33%
HSV	194°, 23%, 37%
XYZ	8.2652, 9.3306, 11.9550
YIQ	84.4870, -11.7370, -2.0490

# Conversions

## Conversions Part 2

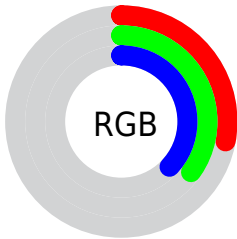
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 82, 94
Decimal	4741470
CIE Lab	36.61, -5.26, -5.06
CIE LCh	37, 7.299, 223.856
Yxy	9.3306, 0.2797, 0.3157
Android (android.graphics.Color)	4282931550 (0xFF48595E)
YUV	84.4870, 4.6899, -10.9511
Hunter-Lab	30.5461, -5.1566, -1.8225

# Details

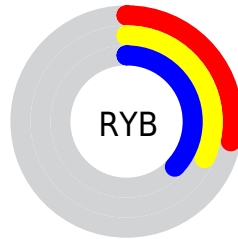
The Hex color **48595E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E4D48**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **798B90**, and **1B2C30** is the 20% darker color. If you saturate the color by 10%, you get **3F575E**, and if you desaturate by 10%, it is **515B5E**.

# Distribution



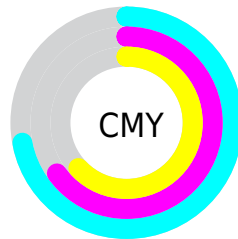
- Red (28%)
- Green (35%)
- Blue (37%)



- Red (28%)
- Yellow (32%)
- Blue (37%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (63%)



- Cyan (72%)
- Magenta (65%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48595E 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 48595E by changing the saturation by 10% instead.



■ 48595E

■ 48595E

FFFFFF

■ 314246

■ 798B90

■ 1B2C30

■ 93A5AB

■ 04171B

■ AEC0C6

■ 000000

■ C9DCE2

■ E5F9FF

■ 48595E

■ 48595E

■ 3F575E

■ 515B5E

■ 35555E

■ 5B5D5E

■ 2C535E

■ 645F5E

■ 22505E

■ 6E625E

■ 194E5E

■ 77645E

■ 104C5E

■ 80665E

■ 064A5E

■ 8A685E

■ 00495E

■ 936A5E

■ 9D6C5E

# Harmonies

## Analogous

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



485A59



48595E



4C5861

# Triad

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



48595E



60525A



58574B

# Complementary

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



48595E



5E4D48

# 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.



5E554B



48595E



635254

# Square

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



48595E



5B545F



62534E



51584E

# Rectangle

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



48595E



515662



62534E



5A564B



# Sweetspot

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



48595E



72787A



485E4D



383C3D



BDBDBD



3D3D3D



# Same Dimension

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



48595E



58737A



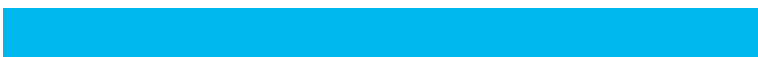
484E5E



292D2E



00556E



00B7ED



# Inverse Universe

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



5E4859



7A5873



5E5848



2E292D



6E0055



ED00B7



# Previews

## White Background



This preview shows how the Hex color 48595E looks on a white background.

## Color Contrast Check

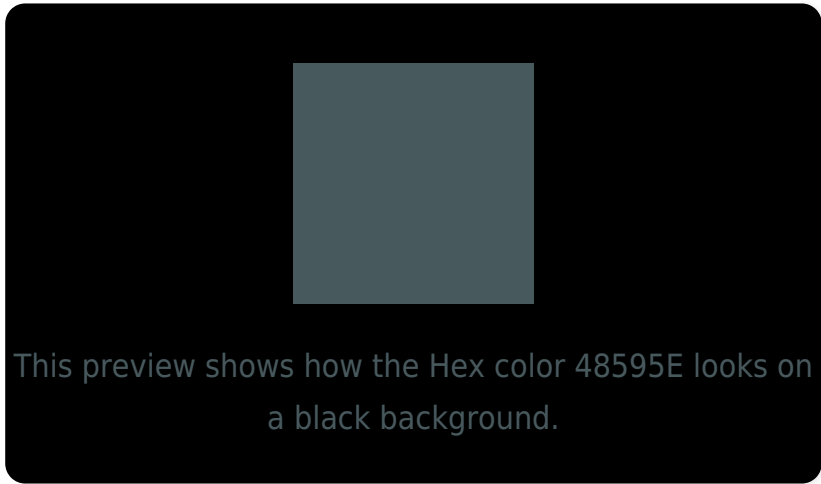
Large Text (above 18pt) WCAG AA ✓ Pass

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 48595E Background



This preview shows how black text looks on a background with the Hex color 48595E.



This preview shows how white text looks on a background with the Hex color 48595E.

# 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](#).

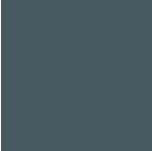
## Dichromacy



**Original Color**  
48595E

**Protanopia**  
56555C

**Deuteranopia**  
5A545F



**Tritanopia**  
485960

# Trichromacy



**Original Color**  
48595E

**Protanomaly**  
51565D

**Deuteranomaly**  
53565F

**Tritanomaly**  
48595F

# Monochromacy



**Original Color**  
48595E

**Achromatopsia**  
545454

**Achromatomaly**  
505658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48595E 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 #48595E looks like.

```
.text, #text, p{  
    color:#48595E  
}
```

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 #48595E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48595E
}
```

## Border

The CSS property to change the border of an element to Hex 48595E is called "border". The border property can be set on classes, ids or directly on the HTML element.

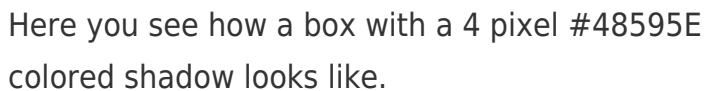
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48595E }
```

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

```
.border{ border-color:#48595E }
```

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



Here you see how a box with a 4 pixel #48595E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48595E; -webkit-box-shadow:4px 4px  
4px 4px #48595E; box-shadow:4px 4px 4px  
4px #48595E }
```

# Background

The CSS property to change the background color of an element to Hex 48595E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48595E }
```

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

```
.background{ background-color:#48595E }
```

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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