

# Converting Colors

Hex(4C5859)

Have a look what the booklet for  
Hex(4C5859) contains.

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# Color

**Hex(4C5859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5859
RGB	76, 88, 89
RGB Percent	30%, 35%, 35%
CMY	0.7020, 0.6549, 0.6510
CMYK	0.15, 0.01, 0.00, 0.65
HSL	185°, 8%, 32%
HSV	185°, 15%, 35%
XYZ	8.2734, 9.2372, 10.7981
YIQ	84.5260, -7.4730, -2.2330

# Conversions

## Conversions Part 2

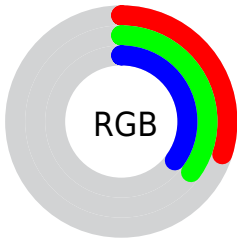
Format	Color
R <sub>Y</sub> B	76, 82, 89
Decimal	5003353
CIE Lab	36.44, -4.43, -2.17
CIE LCh	36, 4.932, 206.050
Yxy	9.2372, 0.2923, 0.3263
Android (android.graphics.Color)	4283193433 (0xFF4C5859)
YUV	84.5260, 2.2057, -7.4773
Hunter-Lab	30.3928, -4.5969, 0.2101

# Details

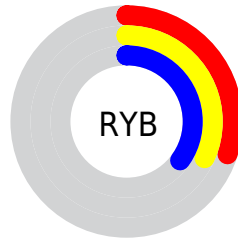
The Hex color **4C5859** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **594D4C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7D8A8B**, and **202B2C** is the 20% darker color. If you saturate the color by 10%, you get **435759**, and if you desaturate by 10%, it is **555959**.

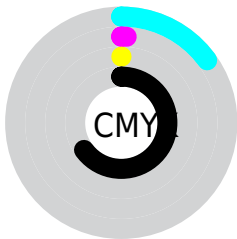
# Distribution



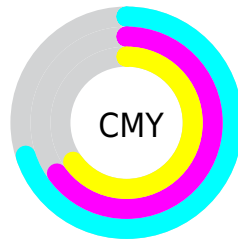
- Red (30%)
- Green (35%)
- Blue (35%)



- Red (30%)
- Yellow (32%)
- Blue (35%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5859 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 4C5859 by changing the saturation by 10% instead.





4C5859



4C5859

FFFFFF



354142



7D8A8B



202B2C



97A4A5



091617



B2BFC0



000000



CDDDBC



E9F8F9



4C5859



4C5859



435759



555959



3A5759



5E5959

■ 315659

■ 675A59

■ 285559

■ 705B59

■ 205559

■ 795B59

■ 175459

■ 815C59

■ 0E5359

■ 8A5D59

■ 055359

■ 935D59

■ 005259

■ 9C5E59

# Harmonies

## Analogous

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



4D5855



4C5859



4D575C

# Triad

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



4C5859



5A545A



5A554E

# Complementary

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



4C5859



594D4C

# 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.



5D544F



4C5859



5E5356

# Square

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



4C5859



56555D



5E5352



55574F

# Rectangle

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



4C5859



50575D



5E5352



5B554E



# Sweetspot

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



4C5859



6E7273



4C594D



383A3B



BABABA



3B3B3B



# Same Dimension

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



4C5859



5E7173



4C5259



272B2B



00636B



00D9EB



# Inverse Universe

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



594C58



735E71



59534C



2B272B



6B0063



EB00D9



# Previews

## White Background



This preview shows how the Hex color 4C5859 looks on a white background.

## Color Contrast Check

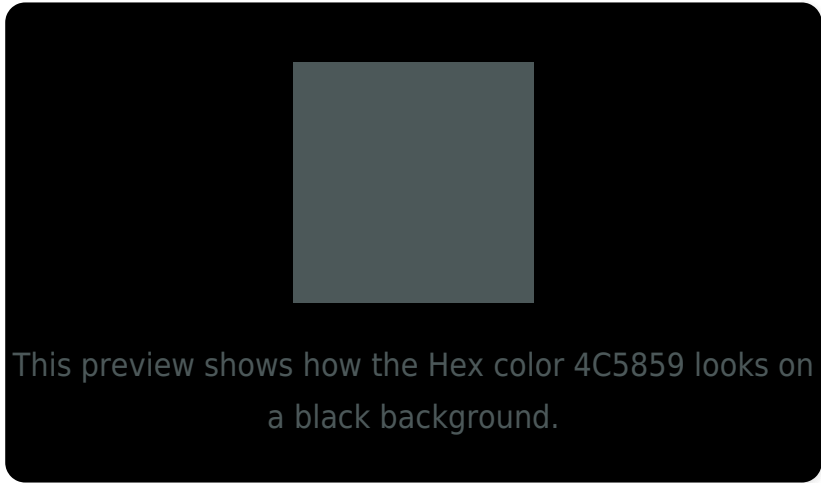
Large Text (above 18pt) WCAG AA ✓ Pass

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

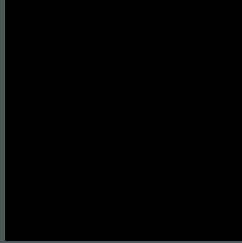
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C5859 Background



This preview shows how black text looks on a background with the Hex color 4C5859.



This preview shows how white text looks on a background with the Hex color 4C5859.

# 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**  
4C5859

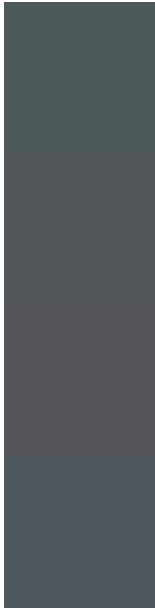
**Protanopia**  
575557

**Deuteranopia**  
5C535A



**Tritanopia**  
4D575E

# Trichromacy



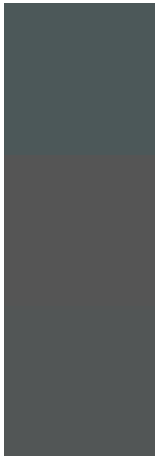
**Original Color**  
4C5859

**Protanomaly**  
535658

**Deuteranomaly**  
56555A

**Tritanomaly**  
4D575C

# Monochromacy



**Original Color**  
4C5859

**Achromatopsia**  
555555

**Achromatomaly**  
525656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5859 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 #4C5859 looks like.

```
.text, #text, p{  
    color:#4C5859  
}
```

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 #4C5859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5859
}
```

## Border

The CSS property to change the border of an element to Hex 4C5859 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
#4C5859 }
```

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

```
.border{ border-color:#4C5859 }
```

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

Here you see how a box with a 4 pixel #4C5859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5859; -webkit-box-shadow:4px 4px  
4px 4px #4C5859; box-shadow:4px 4px 4px  
4px #4C5859 }
```

# Background

The CSS property to change the background color of an element to Hex 4C5859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5859 }
```

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

```
.background{ background-color:#4C5859 }
```

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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