

# Converting Colors

Hex(4C4F5D)

Have a look what the booklet for  
Hex(4C4F5D) contains.

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# Color

Hex(4C4F5D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C4F5D
RGB	76, 79, 93
RGB Percent	30%, 31%, 36%
CMY	0.7020, 0.6902, 0.6353
CMYK	0.18, 0.15, 0.00, 0.64
HSL	229°, 10%, 33%
HSV	229°, 18%, 36%
XYZ	7.7523, 7.9188, 11.4758
YIQ	79.6990, -6.2820, 3.7180

# Conversions

## Conversions Part 2

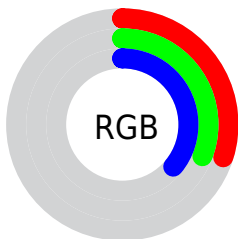
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 79, 93
Decimal	5001053
CIE Lab	33.81, 2.13, -8.59
CIE LCh	34, 8.847, 283.899
Yxy	7.9188, 0.2856, 0.2917
Android (android.graphics.Color)	4283191133 (0xFF4C4F5D)
YUV	79.6990, 6.5574, -3.2440
Hunter-Lab	28.1403, -0.0714, -4.4806

# Details

The Hex color **4C4F5D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D5A4C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7D808F**, and **20232F** is the 20% darker color. If you saturate the color by 10%, you get **43475D**, and if you desaturate by 10%, it is **55575D**.

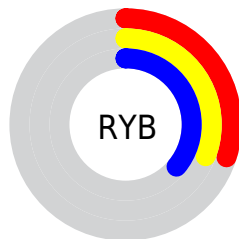
# Distribution



Red (30%)

Green (31%)

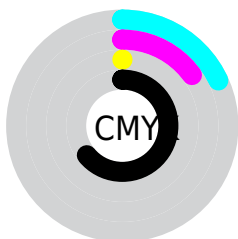
Blue (36%)



Red (30%)

Yellow (31%)

Blue (36%)

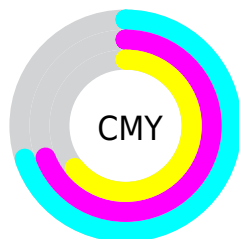


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (64%)



Cyan (70%)

Magenta (69%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C4F5D 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 4C4F5D by changing the saturation by 10% instead.





4C4F5D



4C4F5D

FFFFFF



353845



7D808F



20232F



979AAA



0A0D1A



B2B5C5



000000



CDD0E1



E9EDFE



4C4F5D



4C4F5D



43475D



55575D



39405D



5F5E5D

■ 30385D

■ 68665D

■ 27305D

■ 716E5D

■ 1D295D

■ 7A755D

■ 14215D

■ 847D5D

■ 0B195D

■ 8D855D

■ 02125D

■ 968C5D

■ 00105D

■ A0945D

# Harmonies

## Analogous

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



43515D



4C4F5D



554D5A

# Triad

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



4C4F5D



5D4C46



42534B

# Complementary

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



4C4F5D



5D5A4C

# 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.



4A5245



4C4F5D



594E42

# Square

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



4C4F5D



5E4B4C



525042



3E5453

# Rectangle

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



4C4F5D



5A4B56



525042



455349



# Sweetspot

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



4C4F5D



727378



4C5D5A



3A3A3D



BDBDBD



3D3D3D



# Same Dimension

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



4C4F5D



5D6278



514C5D



292A2E



00136E



002AED



# Inverse Universe

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



5D4C4F



785D62



585D4C



2E292A



6E0013

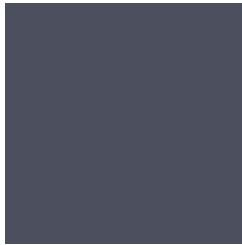


ED002A



# Previews

## White Background



This preview shows how the Hex color 4C4F5D looks on a white background.

## Color Contrast Check

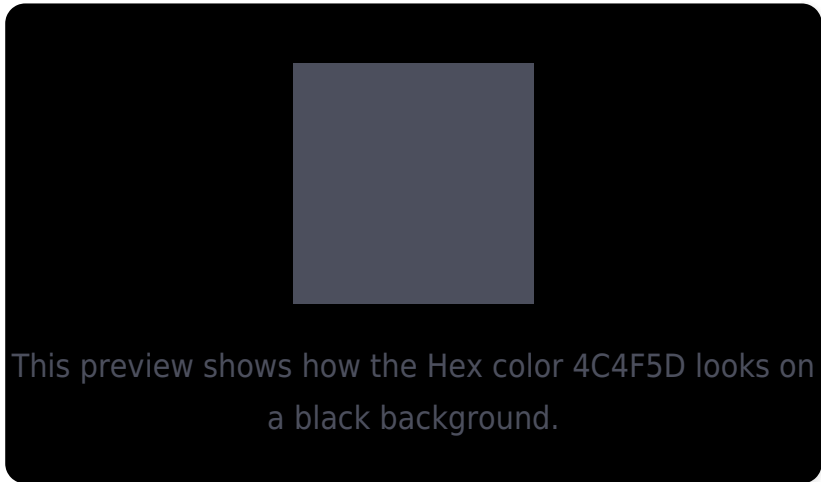
Large Text (above 18pt) WCAG AA ✓ Pass

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

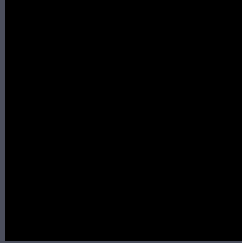
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

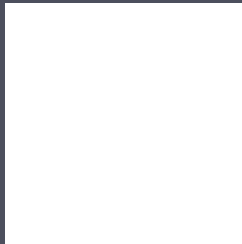
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C4F5D Background



This preview shows how black text looks on a background with the Hex color 4C4F5D.

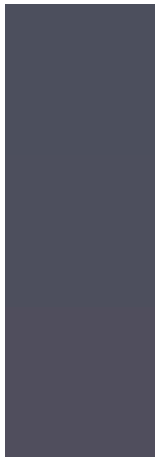


This preview shows how white text looks on a background with the Hex color 4C4F5D.

# 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**  
4C4F5D

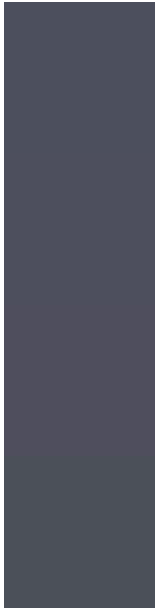
**Protanopia**  
4D4F5D

**Deuteranopia**  
504E5D



**Tritanopia**  
4B5056

# Trichromacy



**Original Color**

4C4F5D

**Protanomaly**

4D4F5D

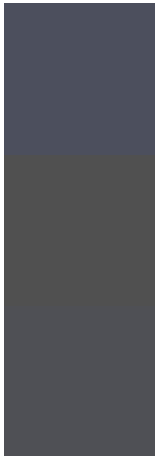
**Deuteranomaly**

4F4E5D

**Tritanomaly**

4B5059

# Monochromacy



**Original Color**

4C4F5D

**Achromatopsia**

505050

**Achromatomaly**

4F5055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C4F5D 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 #4C4F5D looks like.

```
.text, #text, p{  
    color:#4C4F5D  
}
```

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 #4C4F5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4F5D
}
```

## Border

The CSS property to change the border of an element to Hex 4C4F5D 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
#4C4F5D }
```

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

```
.border{ border-color:#4C4F5D }
```

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

Here you see how a box with a 4 pixel #4C4F5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4F5D; -webkit-box-shadow:4px 4px  
4px 4px #4C4F5D; box-shadow:4px 4px 4px  
4px #4C4F5D }
```

# Background

The CSS property to change the background color of an element to Hex 4C4F5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4F5D }
```

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

```
.background{ background-color:#4C4F5D }
```

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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