

Converting Colors

Hex(4C575D)

Have a look what the booklet for
Hex(4C575D) contains.

Hex(4C575D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	18
<i>Color Blindness Simulation</i>	21
<i>CSS Examples</i>	24

Color

Hex(4C575D)

Conversions

Conversions Part 1

Format	Color
Hex	4C575D
RGB	76, 87, 93
RGB Percent	30%, 34%, 36%
CMY	0.7020, 0.6588, 0.6353
CMYK	0.18, 0.06, 0.00, 0.64
HSL	201°, 10%, 33%
HSV	201°, 18%, 36%
XYZ	8.3645, 9.1432, 11.6799

Conversions

Conversions Part 2

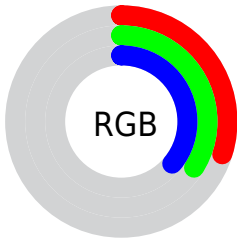
Format	Color
R _Y B	76, 83, 93
Decimal	5003101
CIE Lab	36.26, -2.85, -4.93
CIE LCh	36, 5.694, 239.946
Yxy	9.1432, 0.2866, 0.3133
Android (android.graphics.Color)	4283193181 (0xFF4C575D)
YUV	84.3950, 4.2423, -7.3624

Details

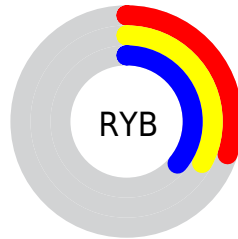
The Hex color **4C575D** is a dark color, and the **websafe** version is hex **666666**. A complement of this color would be **5D524C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7D898F**, and **202A2F** is the 20% darker color. If you saturate the color by 10%, you get **43545D**, and if you desaturate by 10%, it is **555A5D**.

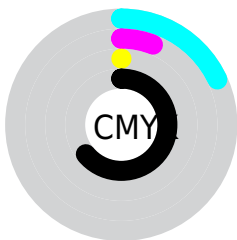
Distribution



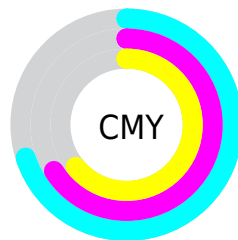
- Red (30%)
- Green (34%)
- Blue (36%)



- Red (30%)
- Yellow (33%)
- Blue (36%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (64%)



- Cyan (70%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C575D 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 4C575D by changing the saturation by 10% instead.

■ 4C575D
■ 646F76
■ 7D898F
■ 97A3AA
■ B2BEC5
■ CDDAE1
■ E9F6FE
■ FFFFFFFF

■ 4C575D
■ 354045
■ 202A2F
■ 0A151A
■ 000000

■ 4C575D
■ 43545D
■ 39505D
■ 304D5D
■ 274A5D
■ 1D475D
■ 14435D
■ 0B405D

■ 4C575D
■ 555A5D
■ 5F5E5D
■ 68615D
■ 71645D
■ 7A675D
■ 846B5D
■ 8D6E5D

■ 023D5D

■ 96715D

■ 003C5D

■ A0755D

Harmonies

Analogous

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



4A585A



4C575D



51565E

Triad

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



4C575D



5F5255



54564D

Complementary

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



4C575D



5D524C

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.



59554C



4C575D



5F5251

Square

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



4C575D



5B535A



5D534E



4F5851

Rectangle

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



4C575D



54555E



5D534E



56564D

Sweetspot

The sweet spot groups the original color and five complimentary colors.



4C575D



727678



4C5D52



3A3C3D



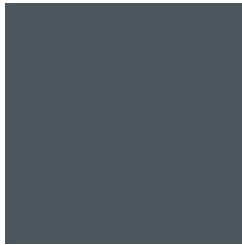
BDBDBD



3D3D3D

Previews

White Background



This preview shows how the Hex color 4C575D looks on a white background.

Color Contrast Check

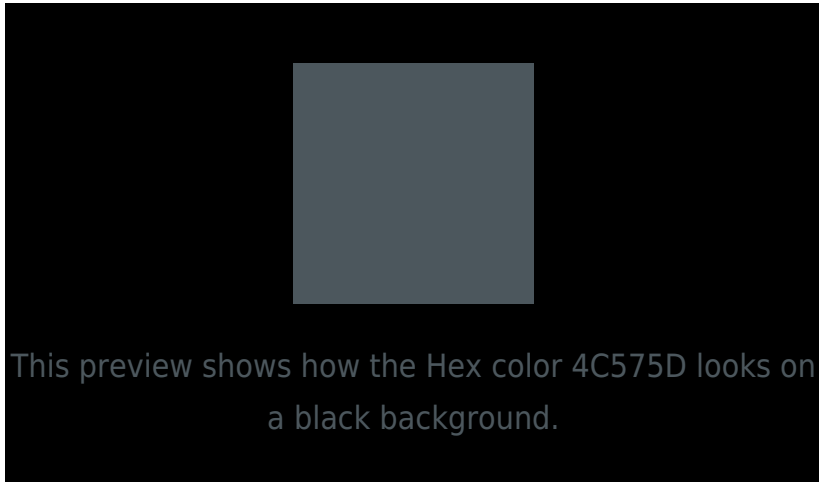
Large Text (above 18pt) WCAG AA ✓ Pass

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

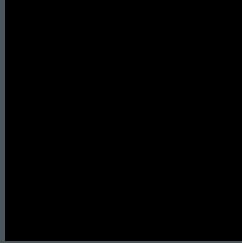
Any Text WCAG AA × Fail

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 4C575D Background



This preview shows how black text looks on a background with the Hex color 4C575D.



This preview shows how white text looks on a background with the Hex color 4C575D.

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
4C575D

Protanopia
55555C

Deuteranopia
59535E



Tritanopia
4C575E

Trichromacy



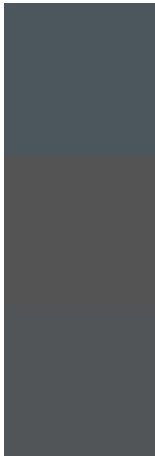
Original Color
4C575D

Protanomaly
52565C

Deuteranomaly
54545E

Tritanomaly
4C575E

Monochromacy



Original Color
4C575D

Achromatopsia
545454

Achromatomaly
515557

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C575D 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 #4C575D looks like.

```
.text, #text, p{  
    color:#4C575D  
}
```


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 #4C575D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C575D
}
```

Border

The CSS property to change the border of an element to Hex 4C575D is called "border". The border property can be set on classes, ids or directly on the HTML element.

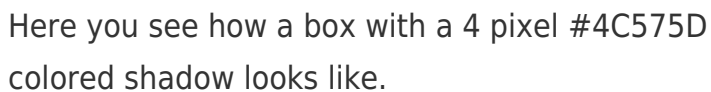
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C575D }
```

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

```
.border{ border-color:#4C575D }
```

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



Here you see how a box with a 4 pixel #4C575D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C575D; -webkit-box-shadow:4px 4px  
4px 4px #4C575D; box-shadow:4px 4px 4px  
4px #4C575D }
```

Background

The CSS property to change the background color of an element to Hex 4C575D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C575D }
```

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

```
.background{ background-color:#4C575D }
```

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](#).

Hey! You found this booklet interesting? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

[Buy now, starting at \\$4.99!](#)

**Follow me
on Twitter!**

@ConvertingColor