

Converting Colors

Hex(4C565B)

Have a look what the booklet for
Hex(4C565B) contains.

Hex(4C565B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C565B)

Conversions

Conversions Part 1

Format	Color
Hex	4C565B
RGB	76, 86, 91
RGB Percent	30%, 34%, 36%
CMY	0.7020, 0.6627, 0.6431
CMYK	0.16, 0.05, 0.00, 0.64
HSL	200°, 9%, 33%
HSV	200°, 16%, 36%
XYZ	8.1966, 8.9474, 11.1925
YIQ	83.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

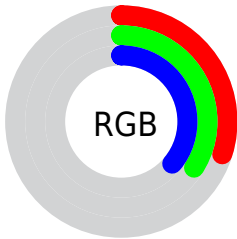
Format	Color
R_{YB}	76, 82, 91
Decimal	5002843
CIE Lab	35.88, -2.73, -4.24
CIE LCh	36, 5.039, 237.197
Yxy	8.9474, 0.2893, 0.3158
Android (android.graphics.Color)	4283192923 (0xFF4C565B)
YUV	83.5800, 3.6581, -6.6477
Hunter-Lab	29.9122, -3.4334, -1.2466

Details

The Hex color **4C565B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B514C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7D888D**, and **20292D** is the 20% darker color. If you saturate the color by 10%, you get **43535B**, and if you desaturate by 10%, it is **55595B**.

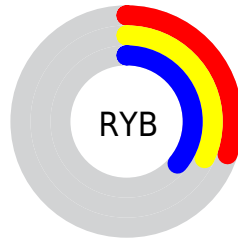
Distribution



Red (30%)

Green (34%)

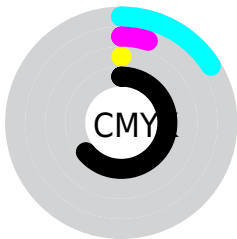
Blue (36%)



Red (30%)

Yellow (32%)

Blue (36%)

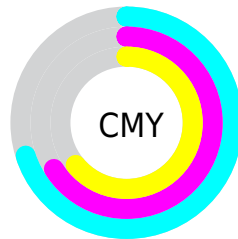


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (64%)



Cyan (70%)

Magenta (66%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C565B 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 4C565B by changing the saturation by 10% instead.



4C565B



4C565B

FFFFFF



353F44



7D888D



20292D



97A2A7



091519



B2BDC3



000000



CDD9DF



E9F5FB



4C565B



4C565B



43535B



55595B



3A505B



5E5C5B

■ 314D5B

■ 675F5B

■ 284A5B

■ 70625B

■ 1F475B

■ 7A655B

■ 15445B

■ 83685B

■ 0C415B

■ 8C6B5B

■ 033E5B

■ 956E5B

■ 003D5B

■ 9E715B

Harmonies

Analogous

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



4A5758



4C565B



50555C

Triad

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



4C565B



5C5255



54554D

Complementary

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



4C565B



5B514C

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.



58544C



4C565B



5D5251

Square

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



4C565B



595259



5C534E



4F5650

Rectangle

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



4C565B



53545C



5C534E



55554D

Sweetspot

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



4C565B



6F7375



4C5B51



37393B



BABABA



3B3B3B

Same Dimension

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



4C565B



5E6D75



4C4F5B



292C2E



00496E



009EED

Inverse Universe

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



5B4C56



755E6D



5B594C



2E292C



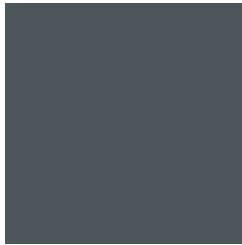
6E0049



ED009E

Previews

White Background



This preview shows how the Hex color 4C565B looks on a white background.

Color Contrast Check

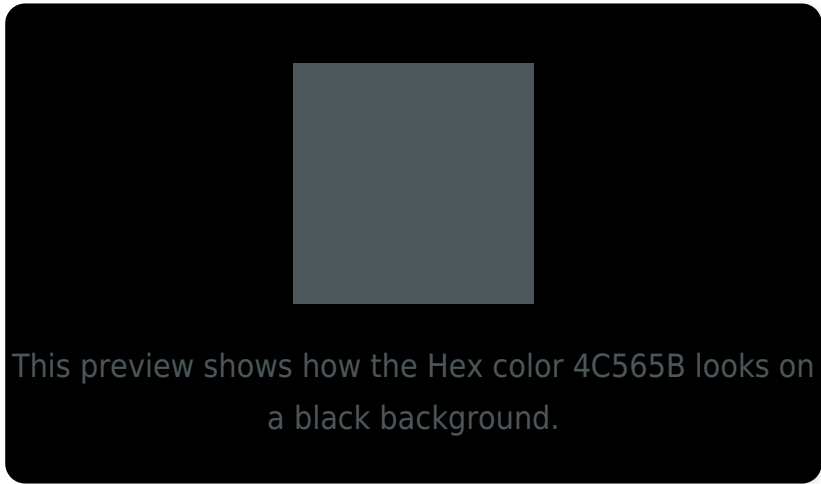
Large Text (above 18pt) WCAG AA ✓ Pass

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

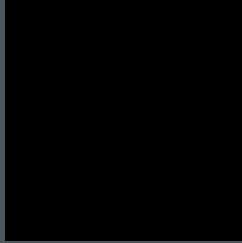
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

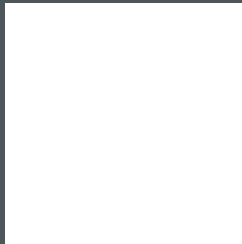
Any Text WCAG AAA × Fail

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

Hex 4C565B Background



This preview shows how black text looks on a background with the Hex color 4C565B.

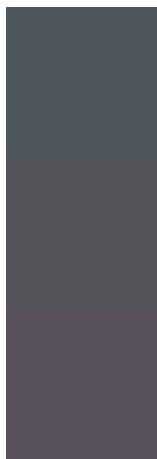


This preview shows how white text looks on a background with the Hex color 4C565B.

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
4C565B

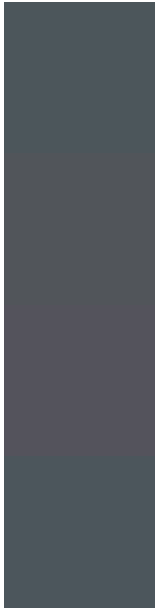
Protanopia
54545A

Deuteranopia
59525C



Tritanopia
4C565D

Trichromacy



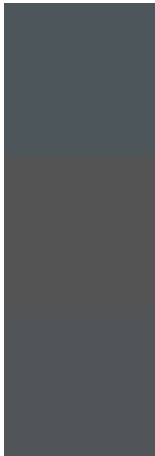
Original Color
4C565B

Protanomaly
51555A

Deuteranomaly
54535C

Tritanomaly
4C565C

Monochromacy



Original Color
4C565B

Achromatopsia
545454

Achromatomaly
515557

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C565B 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 #4C565B looks like.

```
.text, #text, p{  
    color:#4C565B  
}
```

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 #4C565B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C565B
}
```

Border

The CSS property to change the border of an element to Hex 4C565B is called "border". The border property can be set on classes, ids or directly on the HTML element.

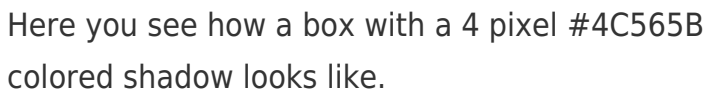
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C565B }
```

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

```
.border{ border-color:#4C565B }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color (#4C565B) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #4C565B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C565B; -webkit-box-shadow:4px 4px  
4px 4px #4C565B; box-shadow:4px 4px 4px  
4px #4C565B }
```

Background

The CSS property to change the background color of an element to Hex 4C565B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C565B }
```

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

```
.background{ background-color:#4C565B }
```

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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