

Converting Colors

Hex(4C5865)

Have a look what the booklet for
Hex(4C5865) contains.

Hex(4C5865)	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(4C5865)

Conversions

Conversions Part 1

Format	Color
Hex	4C5865
RGB	76, 88, 101
RGB Percent	30%, 35%, 40%
CMY	0.7020, 0.6549, 0.6039
CMYK	0.25, 0.13, 0.00, 0.60
HSL	211°, 14%, 35%
HSV	211°, 25%, 40%
XYZ	8.8192, 9.4555, 13.6722
YIQ	85.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

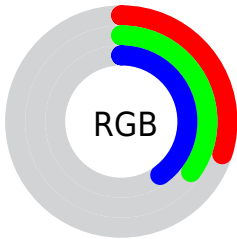
Format	Color
R_{YB}	76, 84, 101
Decimal	5003365
CIE Lab	36.85, -1.43, -9.04
CIE LCh	37, 9.148, 261.016
Yxy	9.4555, 0.2761, 0.2960
Android (android.graphics.Color)	4283193445 (0xFF4C5865)
YUV	85.8940, 7.4473, -8.6770
Hunter-Lab	30.7498, -2.6177, -4.8370

Details

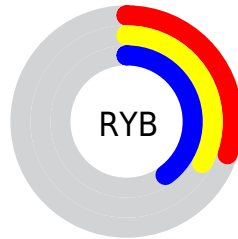
The Hex color **4C5865** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65594C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7D8A98**, and **1F2B36** is the 20% darker color. If you saturate the color by 10%, you get **425365**, and if you desaturate by 10%, it is **565D65**.

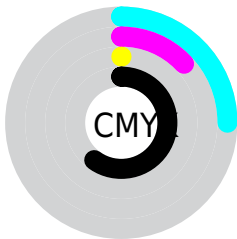
Distribution



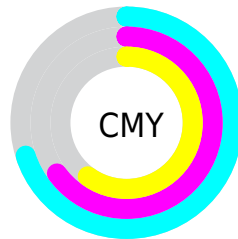
- Red (30%)
- Green (35%)
- Blue (40%)



- Red (30%)
- Yellow (33%)
- Blue (40%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (70%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5865 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 4C5865 by changing the saturation by 10% instead.

■ 4C5865

■ 4C5865

FFFFFF

■ 35414D

■ 7D8A98

■ 1F2B36

■ 97A4B3

■ 091621

■ B2BFCE

■ 000009

■ CEDBEA

■ 000000

■ EAF7FF

■ 4C5865

■ 4C5865

■ 425365

■ 565D65

■ 384D65

■ 606365

■ 2E4865

■ 6A6865

■ 244365

■ 746D65

■ 1A3E65

■ 7F7265

■ 0F3865

■ 897865

■ 053365

■ 937D65

■ 003065

■ 9D8265

■ A78765

Harmonies

Analogous

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



455A62



4C5865



555664

Triad

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



4C5865



665252



4F5A4D

Complementary

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



4C5865



65594C

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.



575849



4C5865



64534C

Square

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



4C5865



645259



5F5548



475B54

Rectangle

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



4C5865



5B5462



5F5548



51594B

Sweetspot

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



4C5865



797D82



4C6559



3D4042



C2C2C2



424242

Same Dimension

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



4C5865



5B6E82



4C4C65



2E3033



003773



0074F2

Inverse Universe

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



654C58



825B6E



65654C



332E30



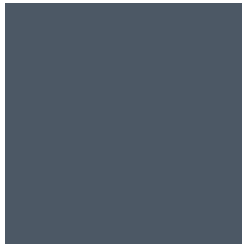
730037



F20074

Previews

White Background



This preview shows how the Hex color 4C5865 looks on a white background.

Color Contrast Check

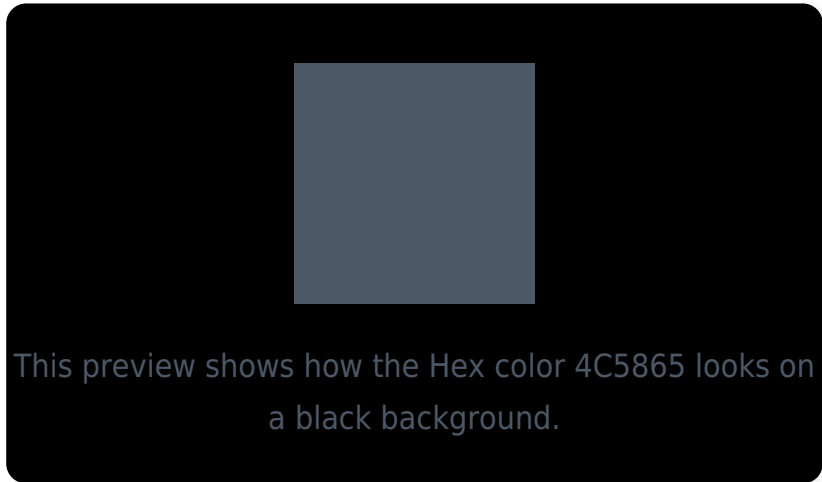
Large Text (above 18pt) WCAG AA ✓ Pass

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

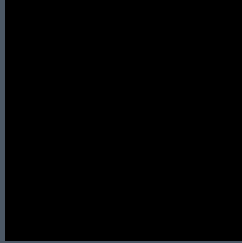
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

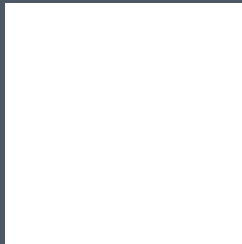
Any Text WCAG AAA × Fail

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

Hex 4C5865 Background



This preview shows how black text looks on a background with the Hex color 4C5865.

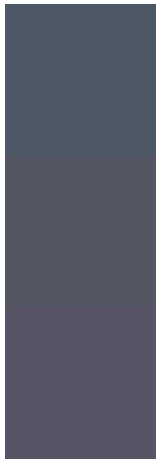


This preview shows how white text looks on a background with the Hex color 4C5865.

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
4C5865

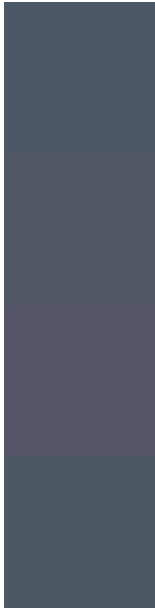
Protanopia
545664

Deuteranopia
585466



Tritanopia
4B5960

Trichromacy



Original Color
4C5865

Protanomaly
515764

Deuteranomaly
545566

Tritanomaly
4B5962

Monochromacy



Original Color
4C5865

Achromatopsia
565656

Achromatomaly
52575B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5865 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 #4C5865 looks like.

```
.text, #text, p{  
    color:#4C5865  
}
```

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 #4C5865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5865
}
```

Border

The CSS property to change the border of an element to Hex 4C5865 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
#4C5865 }
```

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

```
.border{ border-color:#4C5865 }
```

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

Here you see how a box with a 4 pixel #4C5865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5865; -webkit-box-shadow:4px 4px  
4px 4px #4C5865; box-shadow:4px 4px 4px  
4px #4C5865 }
```

Background

The CSS property to change the background color of an element to Hex 4C5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5865 }
```

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

```
.background{ background-color:#4C5865 }
```

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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