

Converting Colors

Hex(4C5968)

Have a look what the booklet for
Hex(4C5968) contains.

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Color

Hex(4C5968)

Conversions

Conversions Part 1

Format	Color
Hex	4C5968
RGB	76, 89, 104
RGB Percent	30%, 35%, 41%
CMY	0.7020, 0.6510, 0.5922
CMYK	0.27, 0.14, 0.00, 0.59
HSL	212°, 16%, 35%
HSV	212°, 27%, 41%
XYZ	9.0516, 9.6807, 14.4882
YIQ	86.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

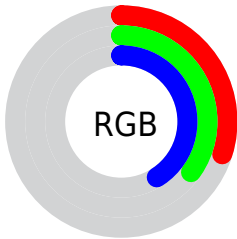
Format	Color
R_{YB}	76, 85, 104
Decimal	5003624
CIE Lab	37.26, -1.25, -10.27
CIE LCh	37, 10.348, 263.052
Yxy	9.6807, 0.2725, 0.2914
Android (android.graphics.Color)	4283193704 (0xFF4C5968)
YUV	86.8230, 8.4683, -9.4918
Hunter-Lab	31.1139, -2.5206, -5.8287

Details

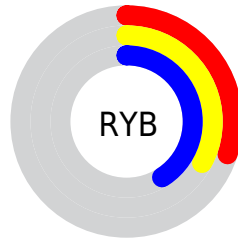
The Hex color **4C5968** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685B4C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7D8B9B**, and **1F2C39** is the 20% darker color. If you saturate the color by 10%, you get **425368**, and if you desaturate by 10%, it is **565F68**.

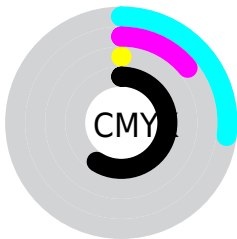
Distribution



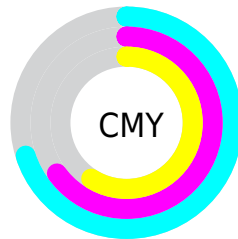
- Red (30%)
- Green (35%)
- Blue (41%)



- Red (30%)
- Yellow (33%)
- Blue (41%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (59%)



- Cyan (70%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5968 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 4C5968 by changing the saturation by 10% instead.



4C5968



4C5968

FFFFFF



354250



7D8B9B



1F2C39



97A5B6



091723



B2C0D2



00010D



CEDCEE



000000



EAF9FF



4C5968



4C5968



425368



565F68



374E68



616468

■ 2D4868

■ 6B6A68

■ 224368

■ 766F68

■ 183D68

■ 807568

■ 0E3868

■ 8A7A68

■ 033268

■ 958068

■ 003068

■ 9F8668

■ AA8B68

Harmonies

Analogous

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



445B65



4C5968



575667

Triad

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



4C5968



695252



4E5B4D

Complementary

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



4C5968



685B4C

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.



575948



4C5968



67544B

Square

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



4C5968



67525A



605647



465C55

Rectangle

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



4C5968



5E5464



605647



515B4B

Sweetspot

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



4C5968



7C8187



4C685B



3E4145



C4C4C4



454545

Same Dimension

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



4C5968



5C7087



4D4C68



2E3033



003573



0070F2

Inverse Universe

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



684C59



875C70



67684C



332E30



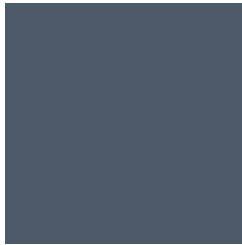
730035



F20070

Previews

White Background



This preview shows how the Hex color 4C5968 looks on a white background.

Color Contrast Check

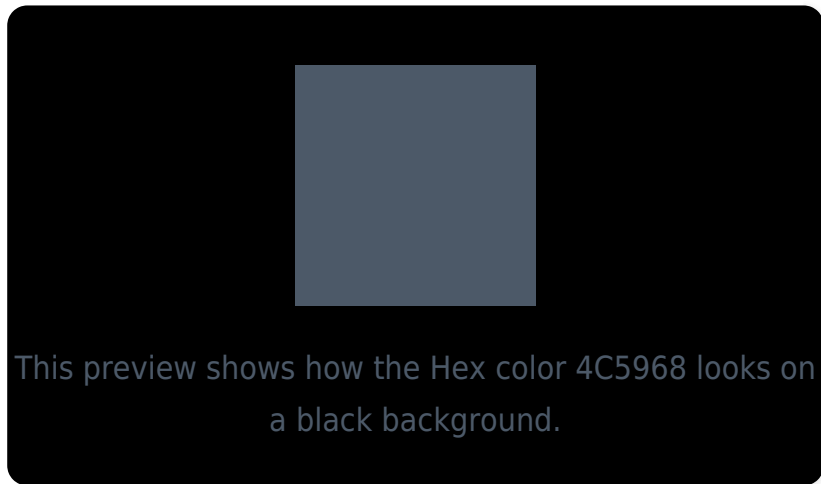
Large Text (above 18pt) WCAG AA ✓ Pass

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

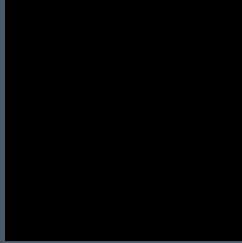
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

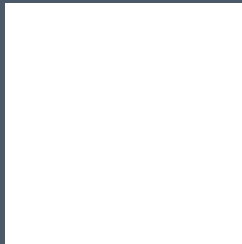
Any Text WCAG AAA × Fail

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

Hex 4C5968 Background



This preview shows how black text looks on a background with the Hex color 4C5968.

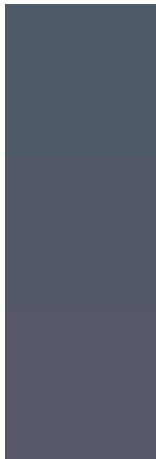


This preview shows how white text looks on a background with the Hex color 4C5968.

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](#).

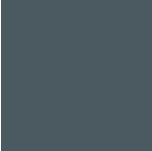
Dichromacy



Original Color
4C5968

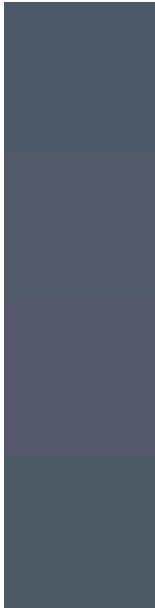
Protanopia
545767

Deuteranopia
585669



Tritanopia
4B5A61

Trichromacy



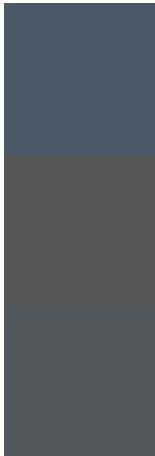
Original Color
4C5968

Protanomaly
515867

Deuteranomaly
545769

Tritanomaly
4B5A64

Monochromacy



Original Color
4C5968

Achromatopsia
575757

Achromatomaly
53585D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5968 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 #4C5968 looks like.

```
.text, #text, p{  
    color:#4C5968  
}
```

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 #4C5968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5968
}
```

Border

The CSS property to change the border of an element to Hex 4C5968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

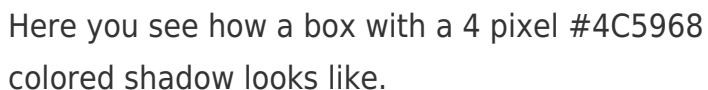
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5968 }
```

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

```
.border{ border-color:#4C5968 }
```

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



Here you see how a box with a 4 pixel #4C5968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5968; -webkit-box-shadow:4px 4px  
4px 4px #4C5968; box-shadow:4px 4px 4px  
4px #4C5968 }
```

Background

The CSS property to change the background color of an element to Hex 4C5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5968 }
```

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

```
.background{ background-color:#4C5968 }
```

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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