

Converting Colors

Hex(4C4D59)

Have a look what the booklet for
Hex(4C4D59) contains.

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Color

Hex(4C4D59)

Conversions

Conversions Part 1

Format	Color
Hex	4C4D59
RGB	76, 77, 89
RGB Percent	30%, 30%, 35%
CMY	0.7020, 0.6980, 0.6510
CMYK	0.15, 0.13, 0.00, 0.65
HSL	235°, 8%, 32%
HSV	235°, 15%, 35%
XYZ	7.4375, 7.5655, 10.5195
YIQ	78.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

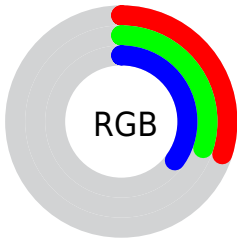
Format	Color
R_{YB}	76, 77, 89
Decimal	5000537
CIE Lab	33.06, 2.39, -7.18
CIE LCh	33, 7.571, 288.414
Yxy	7.5655, 0.2914, 0.2964
Android (android.graphics.Color)	4283190617 (0xFF4C4D59)
YUV	78.0690, 5.3890, -1.8145
Hunter-Lab	27.5055, 0.1321, -3.4216

Details

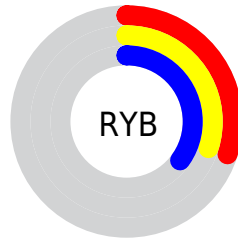
The Hex color **4C4D59** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **59584C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7D7E8B**, and **20212C** is the 20% darker color. If you saturate the color by 10%, you get **434559**, and if you desaturate by 10%, it is **555559**.

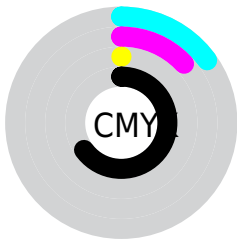
Distribution



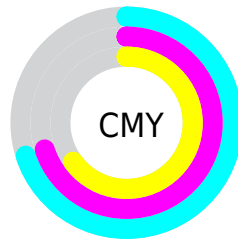
- Red (30%)
- Green (30%)
- Blue (35%)



- Red (30%)
- Yellow (30%)
- Blue (35%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4D59 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 4C4D59 by changing the saturation by 10% instead.



4C4D59



4C4D59

FFFFFF



353642



7D7E8B



20212C



9798A5



090A17



B2B2C0



000000



CDCEDC



E9EAF9



4C4D59



4C4D59



434559



555559



3A3D59



5E5D59

■ 313459

■ 676659

■ 282C59

■ 706E59

■ 202459

■ 797659

■ 171C59

■ 817E59

■ 0E1359

■ 8A8759

■ 050B59

■ 938F59

■ 000759

■ 9C9759

Harmonies

Analogous

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



454F59



4C4D59



534B56

Triad

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



4C4D59



594B45



42514B

Complementary

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



4C4D59



59584C

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.



485046



4C4D59



554D42

Square

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



4C4D59



5B4A4A



4F4F42



3F5151

Rectangle

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



4C4D59



574A52



4F4F42



445149

Sweetspot

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



4C4D59



6E6F73



4C5958



38383B



BABABA



3B3B3B

Same Dimension

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



4C4D59



5E6073



514C59



27272B



00086B



0012EB

Inverse Universe

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



594C4D



735E60



54594C



2B2727



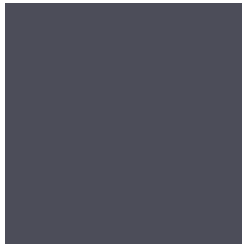
6B0008



EB0012

Previews

White Background



This preview shows how the Hex color 4C4D59 looks on a white background.

Color Contrast Check

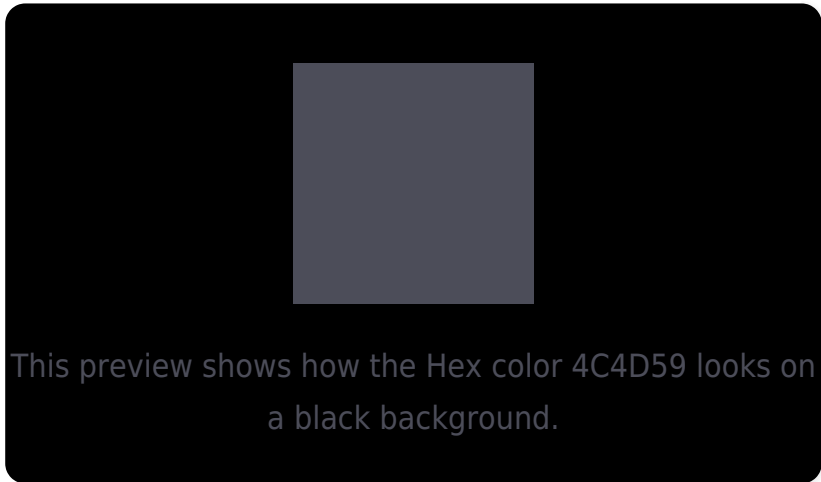
Large Text (above 18pt) WCAG AA ✓ Pass

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

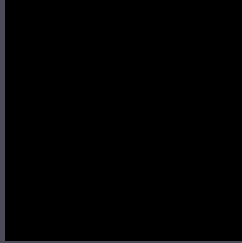
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

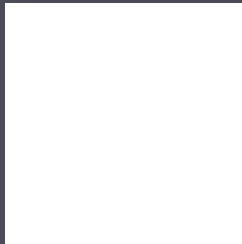
Any Text WCAG AAA × Fail

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

Hex 4C4D59 Background



This preview shows how black text looks on a background with the Hex color 4C4D59.

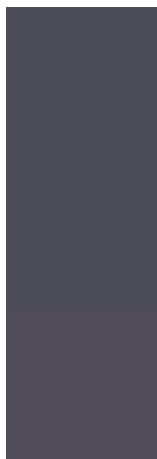


This preview shows how white text looks on a background with the Hex color 4C4D59.

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

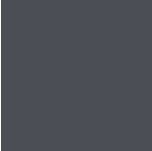
4C4D59

Protanopia

4C4D59

Deuteranopia

504C59



Tritanopia
4B4E54

Trichromacy



Original Color

4C4D59

Protanomaly

4C4D59

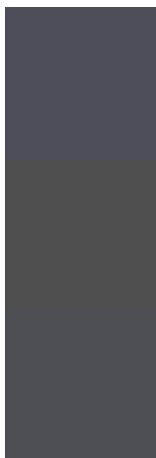
Deuteranomaly

4F4C59

Tritanomaly

4B4E56

Monochromacy



Original Color

4C4D59

Achromatopsia

4E4E4E

Achromatomaly

4D4E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4D59 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 #4C4D59 looks like.

```
.text, #text, p{  
    color:#4C4D59  
}
```

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 #4C4D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4D59
}
```

Border

The CSS property to change the border of an element to Hex 4C4D59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

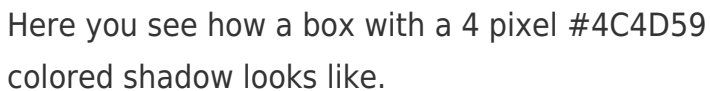
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4D59 }
```

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

```
.border{ border-color:#4C4D59 }
```

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



Here you see how a box with a 4 pixel #4C4D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4D59; -webkit-box-shadow:4px 4px  
4px 4px #4C4D59; box-shadow:4px 4px 4px  
4px #4C4D59 }
```

Background

The CSS property to change the background color of an element to Hex 4C4D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4D59 }
```

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

```
.background{ background-color:#4C4D59 }
```

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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