

Converting Colors

Hex(4C5876)

Have a look what the booklet for
Hex(4C5876) contains.

Hex(4C5876)	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(4C5876)

Conversions

Conversions Part 1

Format	Color
Hex	4C5876
RGB	76, 88, 118
RGB Percent	30%, 35%, 46%
CMY	0.7020, 0.6549, 0.5373
CMYK	0.36, 0.25, 0.00, 0.54
HSL	223°, 22%, 38%
HSV	223°, 36%, 46%
XYZ	9.7402, 9.8240, 18.5224
YIQ	87.8320, -16.7820, 6.7860

Conversions

Conversions Part 2

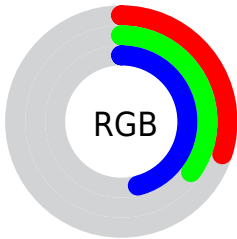
Format	Color
R_{YB}	76, 85, 118
Decimal	5003382
CIE _{Lab}	37.52, 3.27, -18.53
CIE _{LCh}	38, 18.820, 280.010
Yxy	9.8240, 0.2557, 0.2579
Android (android.graphics.Color)	4283193462 (0xFF4C5876)
YUV	87.8320, 14.8728, -10.3767
Hunter-Lab	31.3432, 0.6202, -13.0974

Details

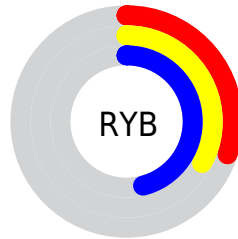
The Hex color **4C5876** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **766A4C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E8AAA**, and **1D2B46** is the 20% darker color. If you saturate the color by 10%, you get **405076**, and if you desaturate by 10%, it is **586076**.

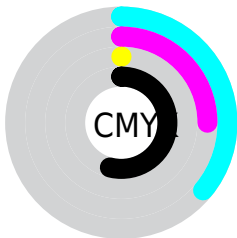
Distribution



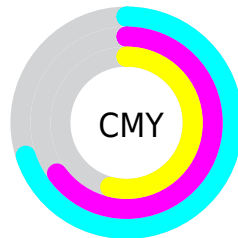
- Red (30%)
- Green (35%)
- Blue (46%)



- Red (30%)
- Yellow (33%)
- Blue (46%)



- Cyan (36%)
- Magenta (25%)
- Yellow (0%)
- Black (54%)



- Cyan (70%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5876 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 4C5876 by changing the saturation by 10% instead.

■ 4C5876

■ 4C5876

FFFFFF

■ 34415D

■ 7E8AAA

■ 1D2B46

■ 98A4C6

■ 05172F

■ B4BFE2

■ 00011A

■ CFDBFE

■ 000000

■ ECF7FF

■ 4C5876

■ 4C5876

■ 405076

■ 586076

■ 344776

■ 646976

■ 293F76

■ 6F7176

■ 1D3676

■ 7B7A76

■ 112E76

■ 878276

■ 052576

■ 938B76

■ 002276

■ 9F9376

■ AA9B76

■ B6A476

Harmonies

Analogous

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



365D74



4C5876



615370

Triad

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



4C5876



754F45



3B604D

Complementary

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



4C5876



766A4C

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.



4D5D41



4C5876



6C543C

Square

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



4C5876



764D54



5E593A



2C615D

Rectangle

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



4C5876



6C4F68



5E593A



415F49

Sweetspot

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



4C5876



888D99



4C7669



43454D



CCCCCC



4D4D4D

Same Dimension

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



4C5876



576A99



544C76



35363B



00237A



0047FA

Inverse Universe

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



764C58



99576A



6E764C



3B3536



7A0023



FA0047

Previews

White Background



This preview shows how the Hex color 4C5876 looks on a white background.

Color Contrast Check

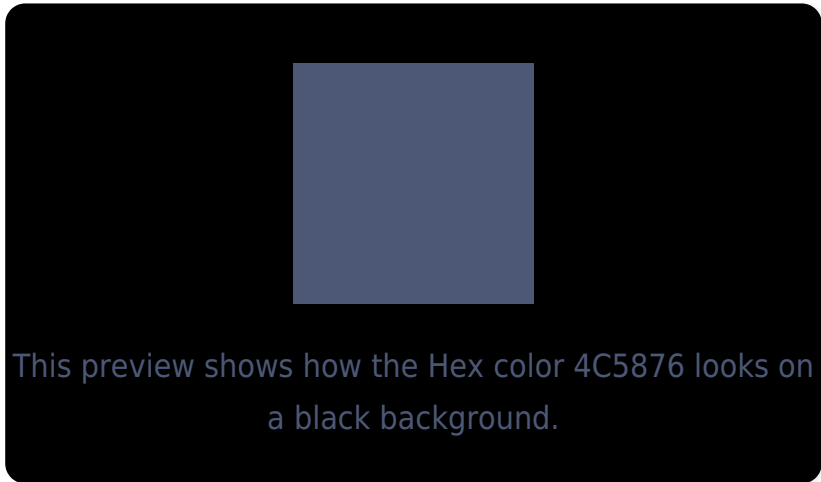
Large Text (above 18pt) WCAG AA ✓ Pass

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

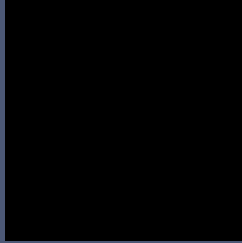
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

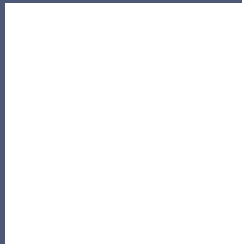
Any Text WCAG AAA × Fail

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

Hex 4C5876 Background



This preview shows how black text looks on a background with the Hex color 4C5876.

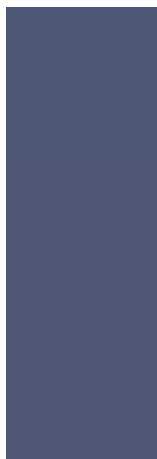


This preview shows how white text looks on a background with the Hex color 4C5876.

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](#).

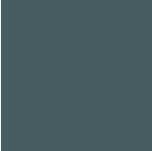
Dichromacy



Original Color
4C5876

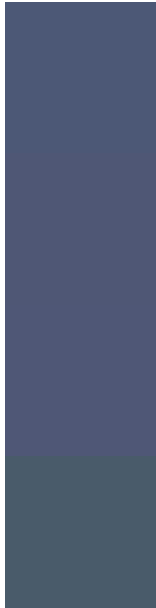
Protanopia
505775

Deuteranopia
505776



Tritanopia
485C63

Trichromacy



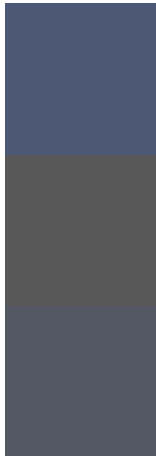
Original Color
4C5876

Protanomaly
4F5775

Deuteranomaly
4F5776

Tritanomaly
495B6A

Monochromacy



Original Color
4C5876

Achromatopsia
585858

Achromatomaly
545863

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5876 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 #4C5876 looks like.

```
.text, #text, p{  
    color:#4C5876  
}
```

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 #4C5876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5876  
}
```

Border

The CSS property to change the border of an element to Hex 4C5876 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  
#4C5876 }
```

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

```
.border{ border-color:#4C5876 }
```

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

Here you see how a box with a 4 pixel #4C5876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5876; -webkit-box-shadow:4px 4px  
4px 4px #4C5876; box-shadow:4px 4px 4px  
4px #4C5876 }
```

Background

The CSS property to change the background color of an element to Hex 4C5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5876 }
```

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

```
.background{ background-color:#4C5876 }
```

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? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor