

Converting Colors

Hex(4C5976)

Have a look what the booklet for
Hex(4C5976) contains.

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Color

Hex(4C5976)

Conversions

Conversions Part 1

Format	Color
Hex	4C5976
RGB	76, 89, 118
RGB Percent	30%, 35%, 46%
CMY	0.7020, 0.6510, 0.5373
CMYK	0.36, 0.25, 0.00, 0.54
HSL	221°, 22%, 38%
HSV	221°, 36%, 46%
XYZ	9.8229, 9.9893, 18.5499
YIQ	88.4190, -17.0570, 6.2630

Conversions

Conversions Part 2

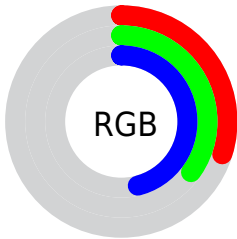
Format	Color
R_{YB}	76, 86, 118
Decimal	5003638
CIE _{Lab}	37.82, 2.64, -18.07
CIE _{LCh}	38, 18.266, 278.324
Yxy	9.9893, 0.2561, 0.2604
Android (android.graphics.Color)	4283193718 (0xFF4C5976)
YUV	88.4190, 14.5834, -10.8915
Hunter-Lab	31.6058, 0.1665, -12.6742

Details

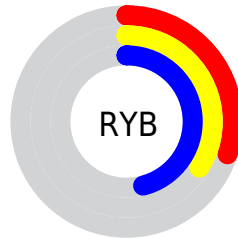
The Hex color **4C5976** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **76694C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E8BAA**, and **1D2C46** is the 20% darker color. If you saturate the color by 10%, you get **405176**, and if you desaturate by 10%, it is **586176**.

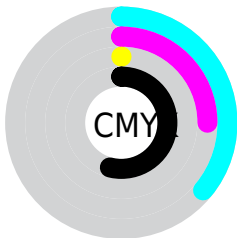
Distribution



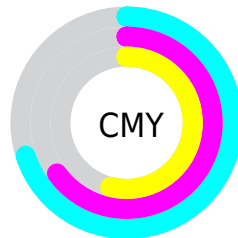
- Red (30%)
- Green (35%)
- Blue (46%)



- Red (30%)
- Yellow (34%)
- 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 4C5976 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 4C5976 by changing the saturation by 10% instead.

■ 4C5976

■ 4C5976

FFFFFF

■ 34425D

■ 7E8BAA

■ 1D2C46

■ 98A5C6

■ 05172F

■ B4C0E2

■ 00011A

■ CFDCFE

■ 000000

■ ECF9FF

■ 4C5976

■ 4C5976

■ 405176

■ 586176

■ 344976

■ 646976

■ 294176

■ 6F7176

■ 1D3876

■ 7B7A76

■ 113076

■ 878276

■ 052876

■ 938A76

■ 002576

■ 9F9276

■ AA9A76

■ B6A276

Harmonies

Analogous

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



375D74



4C5976



605470

Triad

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



4C5976



755047



3E604E

Complementary

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



4C5976



76694C

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.



4F5E42



4C5976



6D543E

Square

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



4C5976



764E55



5F593C



2F615D

Rectangle

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



4C5976



6B5169



5F593C



446049

Sweetspot

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



4C5976



888D99



4C7669



43464D



CCCCCC



4D4D4D

Same Dimension

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



4C5976



576C99



544C76



35373B



00267A



004DFA

Inverse Universe

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



764C59



99576C



6E764C



3B3537



7A0026



FA004D

Previews

White Background



This preview shows how the Hex color 4C5976 looks on a white background.

Color Contrast Check

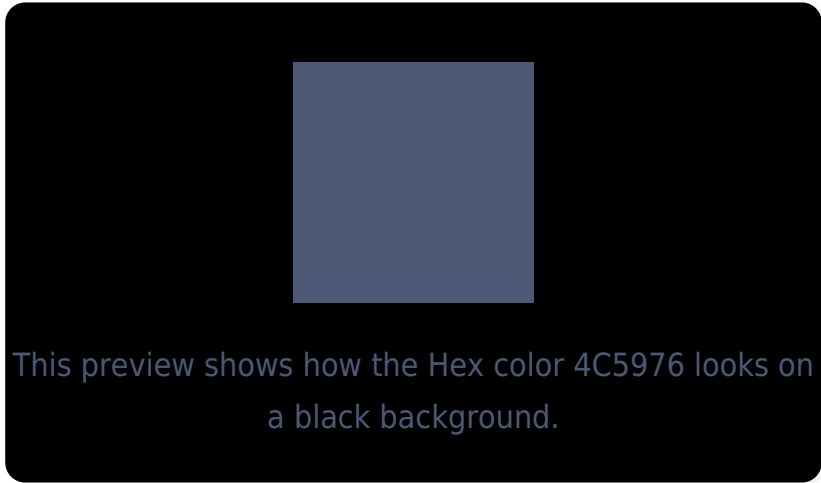
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

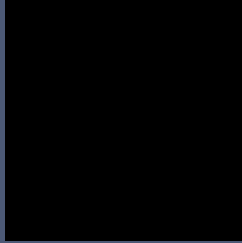
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

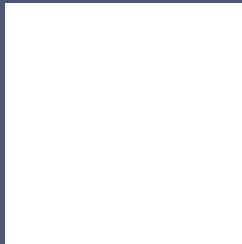
Any Text WCAG AAA × Fail

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

Hex 4C5976 Background



This preview shows how black text looks on a background with the Hex color 4C5976.

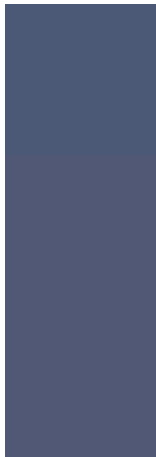


This preview shows how white text looks on a background with the Hex color 4C5976.

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](#).

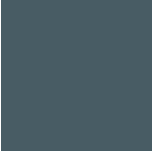
Dichromacy



Original Color
4C5976

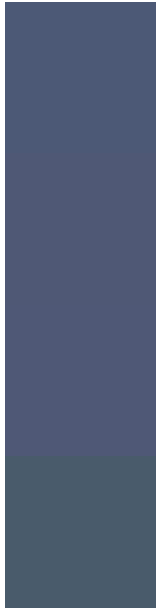
Protanopia
515875

Deuteranopia
515876



Tritanopia
485C64

Trichromacy



Original Color
4C5976

Protanomaly
4F5875

Deuteranomaly
4F5876

Tritanomaly
495B6B

Monochromacy



Original Color
4C5976

Achromatopsia
585858

Achromatomaly
545863

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5976 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 #4C5976 looks like.

```
.text, #text, p{  
    color:#4C5976  
}
```

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 #4C5976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5976
}
```

Border

The CSS property to change the border of an element to Hex 4C5976 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
#4C5976 }
```

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

```
.border{ border-color:#4C5976 }
```

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

Here you see how a box with a 4 pixel #4C5976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5976; -webkit-box-shadow:4px 4px  
4px 4px #4C5976; box-shadow:4px 4px 4px  
4px #4C5976 }
```

Background

The CSS property to change the background color of an element to Hex 4C5976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5976 }
```

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

```
.background{ background-color:#4C5976 }
```

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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