

Converting Colors

Hex(4C6776)

Have a look what the booklet for
Hex(4C6776) contains.

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Color

Hex(4C6776)

Conversions

Conversions Part 1

Format	Color
Hex	4C6776
RGB	76, 103, 118
RGB Percent	30%, 40%, 46%
CMY	0.7020, 0.5961, 0.5373
CMYK	0.36, 0.13, 0.00, 0.54
HSL	201°, 22%, 38%
HSV	201°, 36%, 46%
XYZ	11.1008, 12.5450, 18.9759
YIQ	96.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

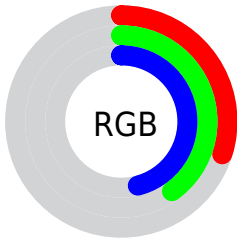
Format	Color
R_{YB}	76, 92, 118
Decimal	5007222
CIE _{Lab}	42.07, -5.90, -11.59
CIE _{LCh}	42, 13.008, 243.048
Yxy	12.5450, 0.2604, 0.2943
Android (android.graphics.Color)	4283197302 (0xFF4C6776)
YUV	96.6370, 10.5320, -18.0986
Hunter-Lab	35.4189, -6.0389, -6.9717

Details

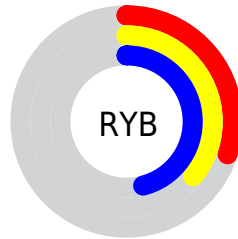
The Hex color **4C6776** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **765B4C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7E9AAA**, and **1D3846** is the 20% darker color. If you saturate the color by 10%, you get **406376**, and if you desaturate by 10%, it is **586B76**.

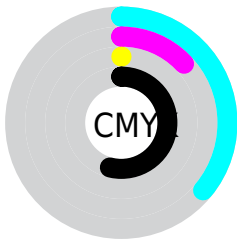
Distribution



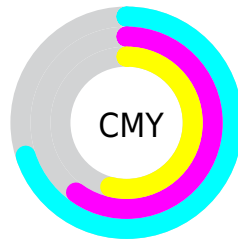
- Red (30%)
- Green (40%)
- Blue (46%)



- Red (30%)
- Yellow (36%)
- Blue (46%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (54%)



- Cyan (70%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6776 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 4C6776 by changing the saturation by 10% instead.

■ 4C6776

■ 4C6776

FFFFFF

■ 344F5D

■ 7E9AAA

■ 1D3846

■ 99B5C5

■ 04232F

■ B4D0E1

■ 000D1B

■ D0EDFE

■ 000000

■ ECFE

■ 4C6776

■ 4C6776

■ 406376

■ 586B76

■ 345F76

■ 646F76

■ 295A76

■ 6F7476

■ 1D5676

■ 7B7876

■ 115276

■ 877C76

■ 054E76

■ 938076

■ 004C76

■ 9F8476

■ AA8976

■ B68D76

Harmonies

Analogous

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



46696F



4C6776



586478

Triad

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



4C6776



795C63



5F6651

Complementary

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



4C6776



765B4C

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.



6A634E



4C6776



795D58

Square

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



4C6776



725D6D



745F51



536859

Rectangle

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



4C6776



626177



745F51



63654F

Sweetspot

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



4C6776



889399



4C765B



43494D



CCCCCC



4D4D4D

Same Dimension

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



4C6776



578299



4C5276



35393B



004F7A



00A1FA

Inverse Universe

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



764C67



995782



76704C



3B3539



7A004F



FA00A1

Previews

White Background



This preview shows how the Hex color 4C6776 looks on a white background.

Color Contrast Check

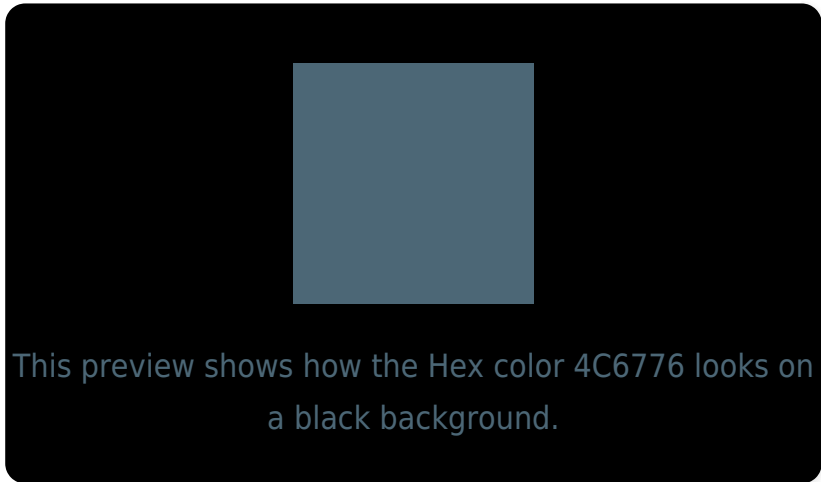
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

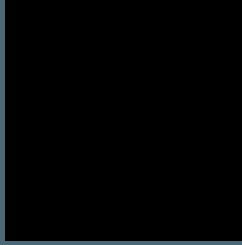
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

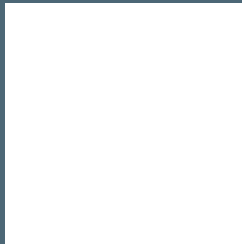
Any Text WCAG AAA × Fail

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

Hex 4C6776 Background



This preview shows how black text looks on a background with the Hex color 4C6776.



This preview shows how white text looks on a background with the Hex color 4C6776.

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
4C6776

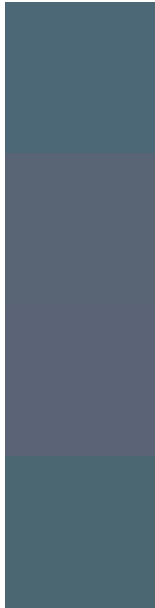
Protanopia
606273

Deuteranopia
636177



Tritanopia
4B6870

Trichromacy



Original Color
4C6776

Protanomaly
596474

Deuteranomaly
5B6377

Tritanomaly
4B6872

Monochromacy



Original Color
4C6776

Achromatopsia
616161

Achromatomaly
596369

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6776 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 #4C6776 looks like.

```
.text, #text, p{  
    color:#4C6776  
}
```

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 #4C6776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6776
}
```

Border

The CSS property to change the border of an element to Hex 4C6776 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
#4C6776 }
```

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

```
.border{ border-color:#4C6776 }
```

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

Here you see how a box with a 4 pixel #4C6776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6776; -webkit-box-shadow:4px 4px  
4px 4px #4C6776; box-shadow:4px 4px 4px  
4px #4C6776 }
```

Background

The CSS property to change the background color of an element to Hex 4C6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6776 }
```

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

```
.background{ background-color:#4C6776 }
```

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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