

Converting Colors

Hex(4C6D76)

Have a look what the booklet for
Hex(4C6D76) contains.

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Color

Hex(4C6D76)

Conversions

Conversions Part 1

Format	Color
Hex	4C6D76
RGB	76, 109, 118
RGB Percent	30%, 43%, 46%
CMY	0.7020, 0.5725, 0.5373
CMYK	0.36, 0.08, 0.00, 0.54
HSL	193°, 22%, 38%
HSV	193°, 36%, 46%
XYZ	11.7191, 13.7818, 19.1820
YIQ	100.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

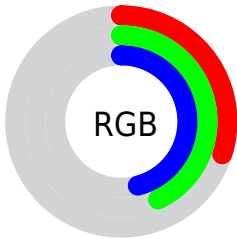
Format	Color
R_{YB}	76, 94, 118
Decimal	5008758
CIE _{Lab}	43.92, -9.41, -8.81
CIE _{LCh}	44, 12.889, 223.120
Yxy	13.7818, 0.2623, 0.3084
Android (android.graphics.Color)	4283198838 (0xFF4C6D76)
YUV	100.1590, 8.7956, -21.1874
Hunter-Lab	37.1238, -8.6183, -4.6487

Details

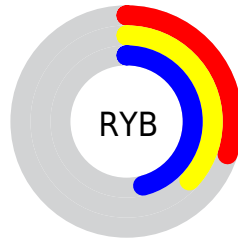
The Hex color **4C6D76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76554C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7FA1AA**, and **1C3D46** is the 20% darker color. If you saturate the color by 10%, you get **406A76**, and if you desaturate by 10%, it is **587076**.

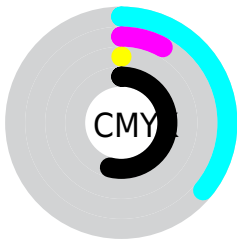
Distribution



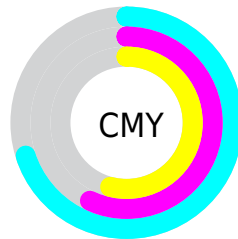
- Red (30%)
- Green (43%)
- Blue (46%)



- Red (30%)
- Yellow (37%)
- Blue (46%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (54%)



- Cyan (70%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6D76 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 4C6D76 by changing the saturation by 10% instead.

 4C6D76

 4C6D76

FFFFFF

 34555D

 7FA1AA

 1C3D46

 99BCC5

 03282F

 B4D7E1

 00141B

 D0F4FE

 000000

 ECFFFF

 4C6D76

 4C6D76

 406A76

 587076

 346876

 647276

■ 296576

■ 6F7576

■ 1D6376

■ 7B7776

■ 116076

■ 877A76

■ 055E76

■ 937C76

■ 005D76

■ 9F7F76

■ AA8176

■ B68476

Harmonies

Analogous

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



4C6E6C



4C6D76



546B7C

Triad

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



4C6D76



7A616E



6B6953

Complementary

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



4C6D76



76554C

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.



766554



4C6D76



7E6063

Square

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



4C6D76



6F6477



7D625A



5F6C58

Rectangle

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



4C6D76



5D687D



7D625A



6F6753

Sweetspot

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



4C6D76



889599



4C7654



434A4D



CCCCCC



4D4D4D

Same Dimension

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



4C6D76



578B99



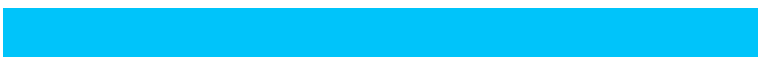
4C5976



35393B



00607A



00C4FA

Inverse Universe

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



764C6D



99578B



76694C



3B3539



7A0060



FA00C4

Previews

White Background



This preview shows how the Hex color 4C6D76 looks on a white background.

Color Contrast Check

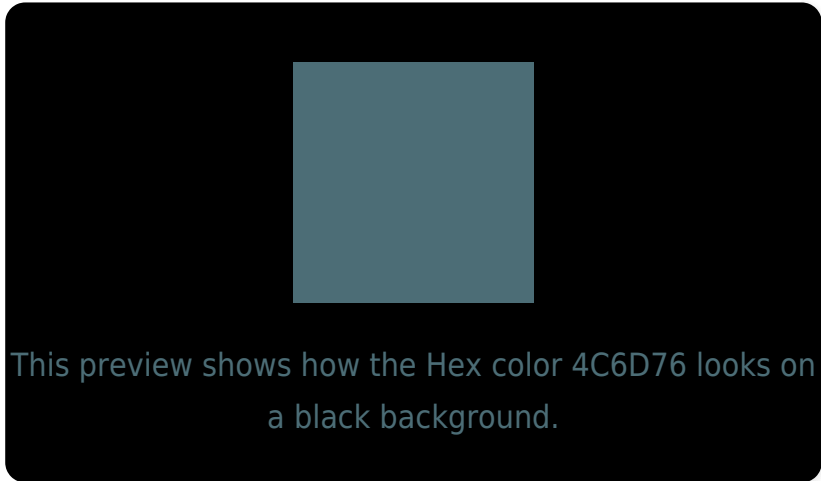
Large Text (above 18pt) WCAG AA ✓ Pass

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

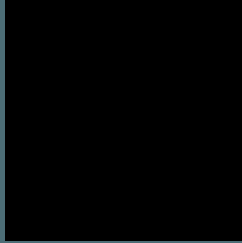
Any Text WCAG AA × Fail

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 4C6D76 Background



This preview shows how black text looks on a background with the Hex color 4C6D76.



This preview shows how white text looks on a background with the Hex color 4C6D76.

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
4C6D76

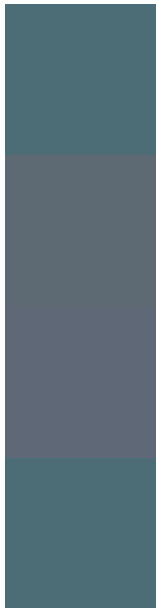
Protanopia
666772

Deuteranopia
6A6578



Tritanopia
4C6D76

Trichromacy



Original Color
4C6D76

Protanomaly
5D6973

Deuteranomaly
5F6877

Tritanomaly
4C6D76

Monochromacy



Original Color
4C6D76

Achromatopsia
646464

Achromatomaly
5B676B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6D76 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 #4C6D76 looks like.

```
.text, #text, p{  
    color:#4C6D76  
}
```

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 #4C6D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6D76  
}
```

Border

The CSS property to change the border of an element to Hex 4C6D76 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  
#4C6D76 }
```

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

```
.border{ border-color:#4C6D76 }
```

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

Here you see how a box with a 4 pixel #4C6D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6D76; -webkit-box-shadow:4px 4px  
4px 4px #4C6D76; box-shadow:4px 4px 4px  
4px #4C6D76 }
```

Background

The CSS property to change the background color of an element to Hex 4C6D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6D76 }
```

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

```
.background{ background-color:#4C6D76 }
```

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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awesome pro features!

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