

Converting Colors

Hex(4C6A66)

Have a look what the booklet for
Hex(4C6A66) contains.

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Color

Hex(4C6A66)

Conversions

Conversions Part 1

Format	Color
Hex	4C6A66
RGB	76, 106, 102
RGB Percent	30%, 42%, 40%
CMY	0.7020, 0.5843, 0.6000
CMYK	0.28, 0.00, 0.04, 0.58
HSL	172°, 16%, 36%
HSV	172°, 28%, 42%
XYZ	10.5328, 12.8039, 14.4866
YIQ	96.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

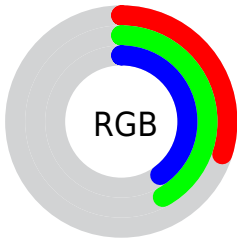
Format	Color
RYB	76, 92, 106
Decimal	5007974
CIELab	42.47, -11.85, -1.30
CIELCh	42, 11.918, 186.251
Yxy	12.8039, 0.2785, 0.3385
Android (android.graphics.Color)	4283198054 (0xFF4C6A66)
YUV	96.5740, 2.6750, -18.0434
Hunter-Lab	35.7825, -10.0768, 1.0441

Details

The Hex color **4C6A66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4C50**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7E9D99**, and **1E3B37** is the 20% darker color. If you saturate the color by 10%, you get **416A65**, and if you desaturate by 10%, it is **576A67**.

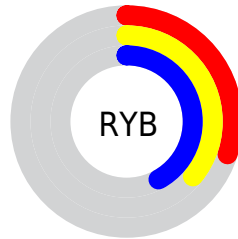
Distribution



Red (30%)

Green (42%)

Blue (40%)



Red (30%)

Yellow (36%)

Blue (42%)

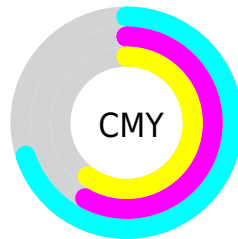


Cyan (28%)

Magenta (0%)

Yellow (4%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6A66 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 4C6A66 by changing the saturation by 10% instead.



4C6A66



4C6A66

FFFFFF



35524E



7E9D99



1E3B37



98B8B4



072522



B3D4CF



00100C



CFF0EB



000000



EBFFFF



4C6A66



4C6A66



416A65



576A67



376A63



616A69

■ 2C6A62

■ 6C6A6A

■ 226A60

■ 766A6C

■ 176A5F

■ 816A6D

■ 0C6A5E

■ 8C6A6E

■ 026A5C

■ 966A70

■ 006A5C

■ A16A71

■ AB6A73

Harmonies

Analogous

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



54695C



4C6A66



4A696F

Triad

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



4C6A66



696174



736153

Complementary

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



4C6A66



6A4C50

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.



785E59



4C6A66



735E6C

Square

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



4C6A66



5C6478



785D62



6A6451

Rectangle

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



4C6A66



4D6874



785D62



756054

Sweetspot

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



4C6A66



7F8A88



506A4C



3E4544



C4C4C4



454545

Same Dimension

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



4C6A66



5B8A83



4C5F6A



303635



007566



00F5D4

Inverse Universe

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



6A4C50



8A5B61



6A574C



363031



750010



F50021

Previews

White Background



This preview shows how the Hex color 4C6A66 looks on a white background.

Color Contrast Check

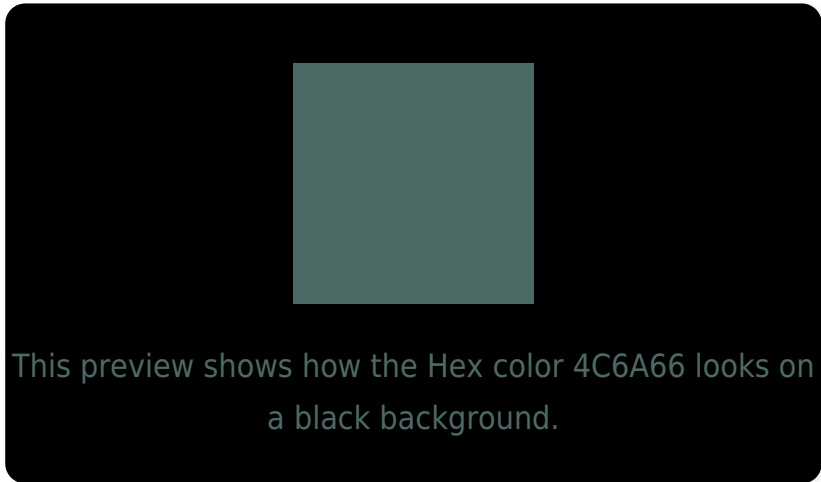
Large Text (above 18pt) WCAG AA ✓ Pass

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

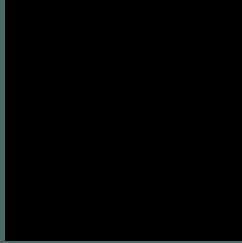
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

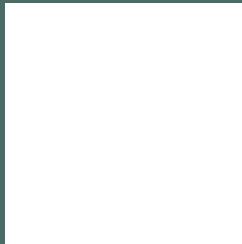
Any Text WCAG AAA × Fail

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

Hex 4C6A66 Background



This preview shows how black text looks on a background with the Hex color 4C6A66.



This preview shows how white text looks on a background with the Hex color 4C6A66.

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
4C6A66

Protanopia
666362

Deuteranopia
6C6168



Tritanopia
4E6871

Trichromacy



Original Color
4C6A66

Protanomaly
5D6663

Deuteranomaly
606467

Tritanomaly
4D696D

Monochromacy



Original Color
4C6A66

Achromatopsia
616161

Achromatomaly
596463

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6A66 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 #4C6A66 looks like.

```
.text, #text, p{  
    color:#4C6A66  
}
```

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 #4C6A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6A66  
}
```

Border

The CSS property to change the border of an element to Hex 4C6A66 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  
#4C6A66 }
```

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

```
.border{ border-color:#4C6A66 }
```

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

Here you see how a box with a 4 pixel #4C6A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6A66; -webkit-box-shadow:4px 4px  
4px 4px #4C6A66; box-shadow:4px 4px 4px  
4px #4C6A66 }
```

Background

The CSS property to change the background color of an element to Hex 4C6A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6A66 }
```

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

```
.background{ background-color:#4C6A66 }
```

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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