

# Converting Colors

Hex(4C6D59)

Have a look what the booklet for  
Hex(4C6D59) contains.

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# Color

Hex(4C6D59)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6D59
RGB	76, 109, 89
RGB Percent	30%, 43%, 35%
CMY	0.7020, 0.5725, 0.6510
CMYK	0.30, 0.00, 0.18, 0.57
HSL	144°, 18%, 36%
HSV	144°, 30%, 43%
XYZ	10.2523, 13.1950, 11.4577
YIQ	96.8530, -13.2480, -13.2160

# Conversions

## Conversions Part 2

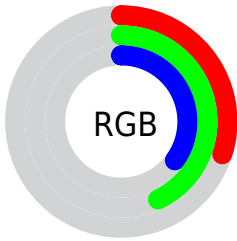
Format	Color
<a href="#">RYB</a>	<a href="#">76, 100, 109</a>
Decimal	<a href="#">5008729</a>
CIELab	<a href="#">43.06, -16.54, 7.40</a>
CIElCh	<a href="#">43, 18.118, 155.902</a>
Yxy	<a href="#">13.1950, 0.2937, 0.3780</a>
Android (android.graphics.Color)	<a href="#">4283198809 (0xFF4C6D59)</a>
YUV	<a href="#">96.8530, -3.8715, -18.2881</a>
Hunter-Lab	<a href="#">36.3250, -13.1892, 6.7261</a>

# Details

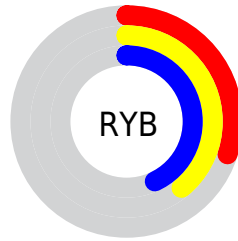
The Hex color **4C6D59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D4C60**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7EA18B**, and **1E3D2C** is the 20% darker color. If you saturate the color by 10%, you get **416D52**, and if you desaturate by 10%, it is **576D60**.

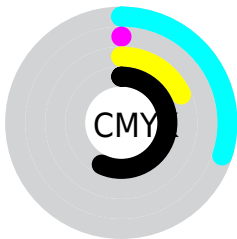
# Distribution



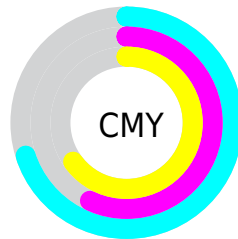
- Red (30%)
- Green (43%)
- Blue (35%)



- Red (30%)
- Yellow (39%)
- Blue (43%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (57%)



- Cyan (70%)
- Magenta (57%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6D59 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 4C6D59 by changing the saturation by 10% instead.





4C6D59



4C6D59

FFFFFF



355542



7EA18B



1E3D2C



98BCA5



072717



B3D8C0



001300



CFF4DC



000000



EBFF9



4C6D59



4C6D59



416D52



576D60



366D4C



626D66

 2B6D45

 6D6D6D

 206D3F

 786D73

 156D38

 836D7A

 0B6D31

 8D6D81

 006D2B

 986D87

 A36D8E

 AE6D94

# Harmonies

## Analogous

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



5D6A4D



4C6D59



3E6E68

# Triad

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



4C6D59



576683



835C55

# Complementary

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



4C6D59



6D4C60

# 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.



835B63



4C6D59



6C617E

# Square

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



4C6D59



436B81



7B5C72



7B614B

# Rectangle

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



4C6D59



396E72



7B5C72



845B59



# Sweetspot

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



4C6D59



828F87



606D4C



404743



C7C7C7



474747



# Same Dimension

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



4C6D59



5B8F70



4C6D69



303632



00752E



00F560



# Inverse Universe

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



6D4C60



8F5B7B



6D4C50



363033



750047



F50094



# Previews

## White Background



This preview shows how the Hex color 4C6D59 looks on a white background.

## Color Contrast Check

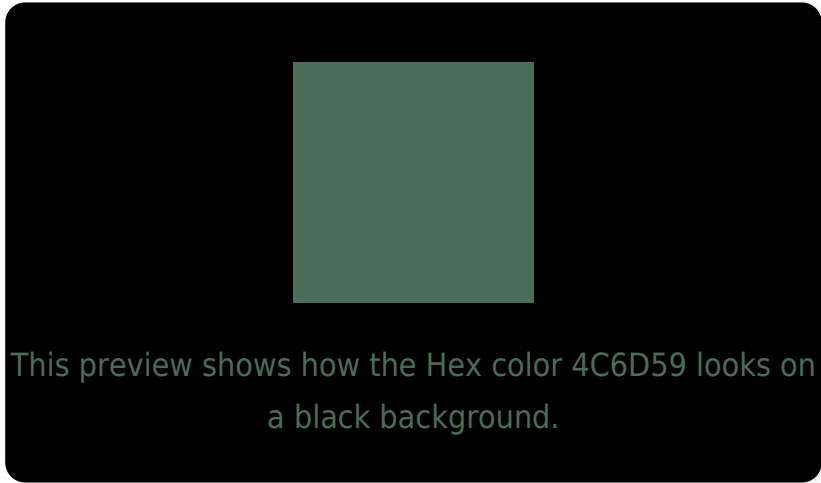
Large Text (above 18pt) WCAG AA ✓ Pass

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

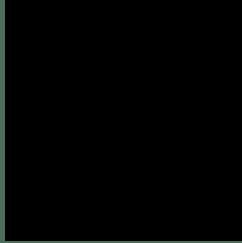
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

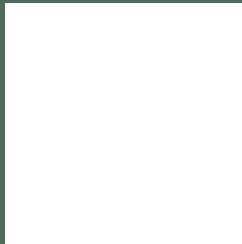
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C6D59 Background



This preview shows how black text looks on a background with the Hex color 4C6D59.



This preview shows how white text looks on a background with the Hex color 4C6D59.

# 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**  
4C6D59

**Protanopia**  
6B6555

**Deuteranopia**  
73625B



**Tritanopia**  
516A72

# Trichromacy



**Original Color**  
4C6D59

**Protanomaly**  
606856

**Deuteranomaly**  
65665A

**Tritanomaly**  
4F6B69

# Monochromacy



**Original Color**  
4C6D59

**Achromatopsia**  
616161

**Achromatomaly**  
59655E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6D59 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 #4C6D59 looks like.

```
.text, #text, p{  
    color:#4C6D59  
}
```

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 #4C6D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6D59
}
```

## Border

The CSS property to change the border of an element to Hex 4C6D59 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
#4C6D59 }
```

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

```
.border{ border-color:#4C6D59 }
```

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

Here you see how a box with a 4 pixel #4C6D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6D59; -webkit-box-shadow:4px 4px  
4px 4px #4C6D59; box-shadow:4px 4px 4px  
4px #4C6D59 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6D59 }
```

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

```
.background{ background-color:#4C6D59 }
```

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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