

# Converting Colors

Hex(4C6951)

Have a look what the booklet for  
Hex(4C6951) contains.

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# Color

**Hex(4C6951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6951
RGB	76, 105, 81
RGB Percent	30%, 41%, 32%
CMY	0.7020, 0.5882, 0.6824
CMYK	0.28, 0.00, 0.23, 0.59
HSL	130°, 16%, 35%
HSV	130°, 28%, 41%
XYZ	9.5173, 12.2337, 9.6443
YIQ	93.5930, -9.5800, -13.6120

# Conversions

## Conversions Part 2

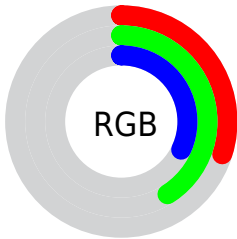
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 101, 105
Decimal	5007697
CIELab	41.59, -16.03, 10.13
CIELCh	42, 18.964, 147.704
Yxy	12.2337, 0.3031, 0.3897
Android (android.graphics.Color)	4283197777 (0xFF4C6951)
YUV	93.5930, -6.2083, -15.4291
Hunter-Lab	34.9768, -12.6390, 8.1354

# Details

The Hex color **4C6951** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694C64**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7E9C82**, and **1E3A24** is the 20% darker color. If you saturate the color by 10%, you get **426948**, and if you desaturate by 10%, it is **56695A**.

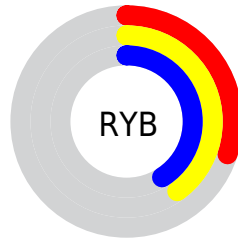
# Distribution



Red (30%)

Green (41%)

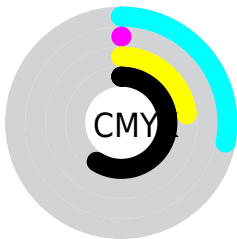
Blue (32%)



Red (30%)

Yellow (40%)

Blue (41%)

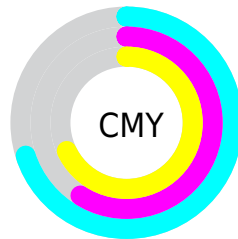


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6951 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 4C6951 by changing the saturation by 10% instead.





4C6951



4C6951

FFFFFF



35513A



7E9C82



1E3A24



98B79C



092410



B3D3B7



000B00



CEEFD3



000000



EBFFEF



4C6951



4C6951



426948



56695A



376940



616962

■ 2C6937

■ 6B696B

■ 22692E

■ 766974

■ 176926

■ 81697C

■ 0D691D

■ 8B6985

■ 036914

■ 96698E

■ 006912

■ A06997

■ AB699F

# Harmonies

## Analogous

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



5E6646



4C6951



3B6B60

# Triad

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



4C6951



4C6481



815854

# Complementary

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



4C6951



694C64

# 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.



7F5764



4C6951



635F7E

# Square

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



4C6951



39687C



755973



7B5B48

# Rectangle

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



4C6951



336B6B



755973



825759



# Sweetspot

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



4C6951



7F8A81



64694C



3E453F



C4C4C4



454545



# Same Dimension

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



4C6951



5C8A64



4C695F



303631



007514



00F52A



# Inverse Universe

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



694C64



8A5C82



694C56



363035



750061

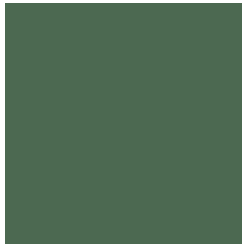


F500CB



# Previews

## White Background



This preview shows how the Hex color 4C6951 looks on a white background.

## Color Contrast Check

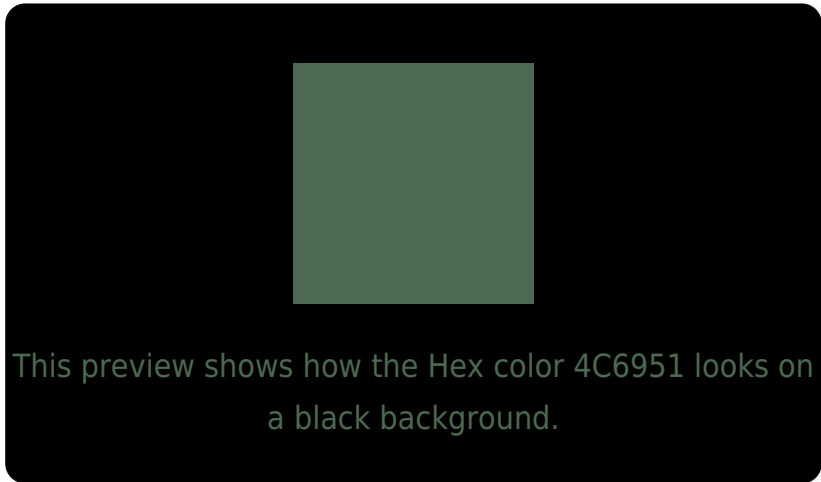
Large Text (above 18pt) WCAG AA ✓ Pass

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

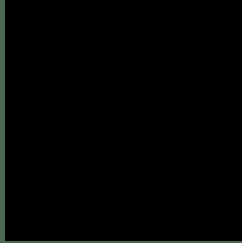
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6951 Background



This preview shows how black text looks on a background with the Hex color 4C6951.



This preview shows how white text looks on a background with the Hex color 4C6951.

# 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](#).

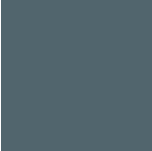
## Dichromacy



**Original Color**  
4C6951

**Protanopia**  
68624D

**Deuteranopia**  
705E53



**Tritanopia**  
51656D

# Trichromacy



**Original Color**  
4C6951

**Protanomaly**  
5E654E

**Deuteranomaly**  
636252

**Tritanomaly**  
4F6663

# Monochromacy



**Original Color**  
4C6951

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
576259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6951 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 #4C6951 looks like.

```
.text, #text, p{  
    color:#4C6951  
}
```

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 #4C6951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6951
}
```

## Border

The CSS property to change the border of an element to Hex 4C6951 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
#4C6951 }
```

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

```
.border{ border-color:#4C6951 }
```

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

Here you see how a box with a 4 pixel #4C6951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6951; -webkit-box-shadow:4px 4px  
4px 4px #4C6951; box-shadow:4px 4px 4px  
4px #4C6951 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6951 }
```

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

```
.background{ background-color:#4C6951 }
```

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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