

# Converting Colors

Hex(4C614D)

Have a look what the booklet for  
Hex(4C614D) contains.

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# Color

Hex(4C614D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C614D
RGB	76, 97, 77
RGB Percent	30%, 38%, 30%
CMY	0.7020, 0.6196, 0.6980
CMYK	0.22, 0.00, 0.21, 0.62
HSL	123°, 12%, 34%
HSV	123°, 22%, 38%
XYZ	8.5947, 10.6217, 8.6184
YIQ	88.4410, -6.0960, -10.6720

# Conversions

## Conversions Part 2

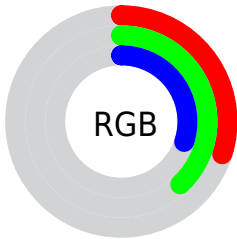
Format	Color
<a href="#">RYB</a>	<a href="#">76, 96, 97</a>
Decimal	<a href="#">5005645</a>
CIELab	<a href="#">38.94, -12.37, 8.84</a>
CIElCh	<a href="#">39, 15.206, 144.432</a>
Yxy	<a href="#">10.6217, 0.3088, 0.3816</a>
Android (android.graphics.Color)	<a href="#">4283195725</a> ( <a href="#">0xFF4C614D</a> )
YUV	<a href="#">88.4410, -5.6404, -10.9108</a>
Hunter-Lab	<a href="#">32.5910, -9.9610, 7.1350</a>

# Details

The Hex color **4C614D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **614C60**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7D947E**, and **1F3321** is the 20% darker color. If you saturate the color by 10%, you get **426144**, and if you desaturate by 10%, it is **566156**.

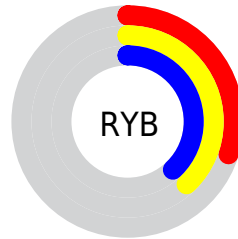
# Distribution



Red (30%)

Green (38%)

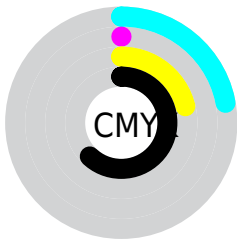
Blue (30%)



Red (30%)

Yellow (38%)

Blue (38%)

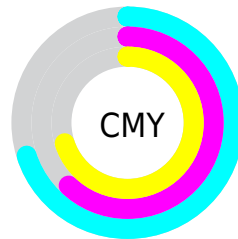


Cyan (22%)

Magenta (0%)

Yellow (21%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C614D 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 4C614D by changing the saturation by 10% instead.





4C614D



4C614D

FFFFFF



354936



7D947E



1F3321



97AE98



0A1E0A



B2CAB3



000000



CEE6CE



EAFFEA



4C614D



4C614D



426144



566156



39613B



5F615F

■ 2F6131

■ 696169

■ 256128

■ 736172

■ 1C611F

■ 7D617B

■ 126116

■ 866184

■ 08610C

■ 90618E

■ 006105

■ 9A6197

■ A361A0

# Harmonies

## Analogous

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



5A5E45



4C614D



3F6359

# Triad

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



4C614D



4A5E74



755352

# Complementary

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



4C614D



614C60

# 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.



73535E



4C614D



5B5972

# Square

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



4C614D



3C616F



69556A



715648

# Rectangle

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



4C614D



3A6361



69556A



755356



# Sweetspot

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



4C614D



757D76



60614C



3B403C



BFBFBF



404040



# Same Dimension

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



4C614D



5C7D5E



4C6157



2C302C



007005



00F00B



# Inverse Universe

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



614C60



7D5C7B



614C56



302C30



70006B



F000E4



# Previews

## White Background



This preview shows how the Hex color 4C614D looks on a white background.

## Color Contrast Check

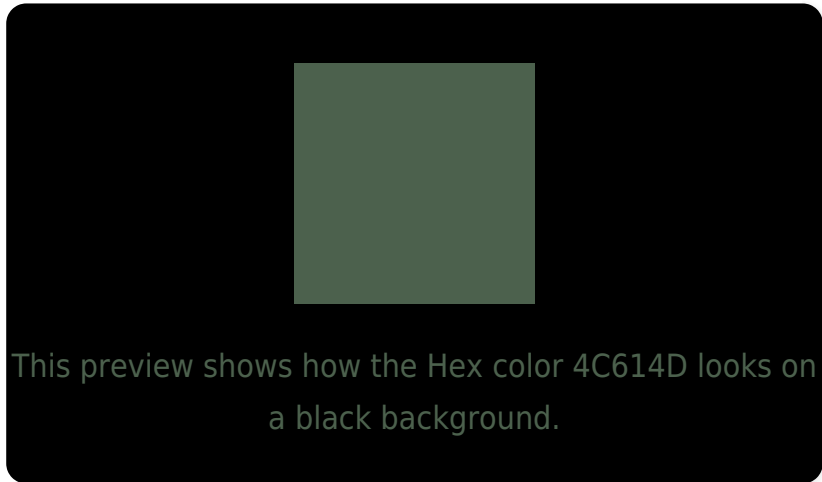
Large Text (above 18pt) WCAG AA ✓ Pass

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

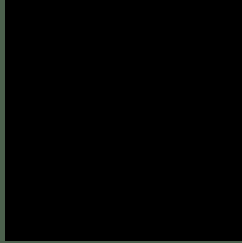
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C614D Background



This preview shows how black text looks on a background with the Hex color 4C614D.



This preview shows how white text looks on a background with the Hex color 4C614D.

# 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](#).

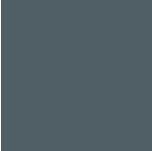
## Dichromacy



**Original Color**  
4C614D

**Protanopia**  
615B4A

**Deuteranopia**  
69584F



**Tritanopia**  
505E65

# Trichromacy



**Original Color**  
4C614D

**Protanomaly**  
595D4B

**Deuteranomaly**  
5E5B4E

**Tritanomaly**  
4F5F5C

# Monochromacy



**Original Color**  
4C614D

**Achromatopsia**  
585858

**Achromatomaly**  
545B54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C614D 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 #4C614D looks like.

```
.text, #text, p{  
    color:#4C614D  
}
```

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 #4C614D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C614D
}
```

## Border

The CSS property to change the border of an element to Hex 4C614D 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
#4C614D }
```

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

```
.border{ border-color:#4C614D }
```

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

Here you see how a box with a 4 pixel #4C614D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C614D; -webkit-box-shadow:4px 4px  
4px 4px #4C614D; box-shadow:4px 4px 4px  
4px #4C614D }
```

# Background

The CSS property to change the background color of an element to Hex 4C614D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C614D }
```

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

```
.background{ background-color:#4C614D }
```

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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