

# Converting Colors

Hex(614F49)

Have a look what the booklet for  
Hex(614F49) contains.

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# Color

**Hex(614F49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	614F49
RGB	97, 79, 73
RGB Percent	38%, 31%, 29%
CMY	0.6196, 0.6902, 0.7137
CMYK	0.00, 0.19, 0.25, 0.62
HSL	15°, 14%, 33%
HSV	15°, 25%, 38%
XYZ	8.9283, 8.6144, 7.4955
YIQ	83.6980, 12.6540, 1.9500

# Conversions

## Conversions Part 2

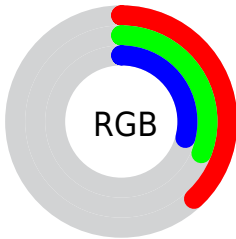
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 81, 73
Decimal	6377289
CIELab	35.23, 6.47, 6.36
CIElCh	35, 9.071, 44.529
Yxy	8.6144, 0.3566, 0.3440
Android (android.graphics.Color)	4284567369 (0xFF614F49)
YUV	83.6980, -5.2741, 11.6659
Hunter-Lab	29.3503, 2.9366, 5.4037

# Details

The Hex color **614F49** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **495B61**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **94807A**, and **32231D** is the 20% darker color. If you saturate the color by 10%, you get **61483F**, and if you desaturate by 10%, it is **615653**.

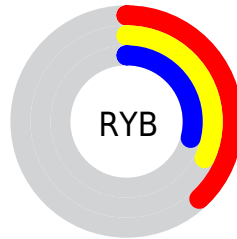
# Distribution



 Red (38%)

 Green (31%)

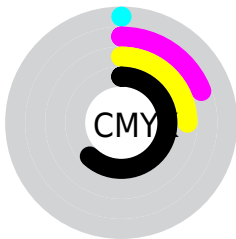
 Blue (29%)



 Red (38%)

 Yellow (32%)

 Blue (29%)

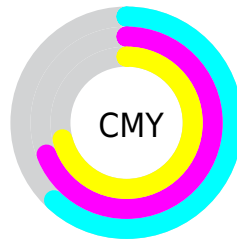


 Cyan (0%)

 Magenta (19%)

 Yellow (25%)

 Black (62%)



 Cyan (62%)

 Magenta (69%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614F49 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 614F49 by changing the saturation by 10% instead.





614F49



614F49

FFFFFF



493832



94807A



32231D



AF9A93



1E0D04



CAB5AE



000000



E6D0C9



FFEDE5



614F49



614F49



61483F



615653



614036



615E5C

■ 61392C

■ 616566

■ 613222

■ 616C70

■ 612B18

■ 61737A

■ 61230F

■ 617B83

■ 611C05

■ 61828D

■ 611800

■ 618997

■ 6190A0

# Harmonies

## Analogous

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



624E50



614F49



5C5145

# Triad

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



614F49



45574F



4F5261

# Complementary

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



614F49



495B61

# 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.



475561



614F49



405756

# Square

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



614F49



4D5648



41565D



58505D

# Rectangle

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



614F49



585344



41565D



4C5361



# Sweetspot

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



614F49



7D7674



61495B



403C3B



BFBFBF



404040



# Same Dimension

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



614F49



7D6157



615B49



302D2C



701C00



F03C00



# Inverse Universe

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



495B61



57747D



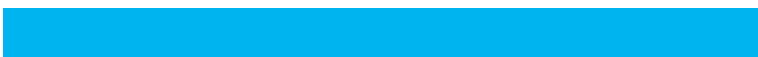
494F61



2C2F30



005470



00B4F0



# Previews

## White Background



This preview shows how the Hex color 614F49 looks on a white background.

## Color Contrast Check

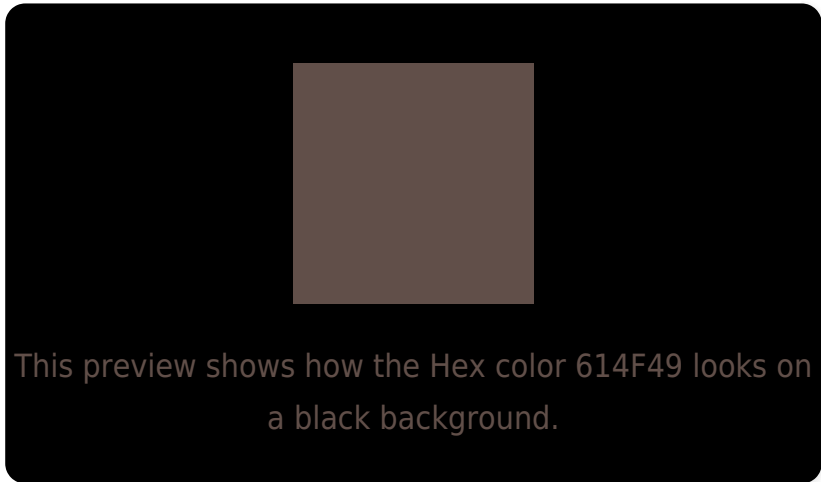
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

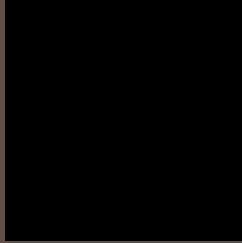
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614F49 Background



This preview shows how black text looks on a background with the Hex color 614F49.

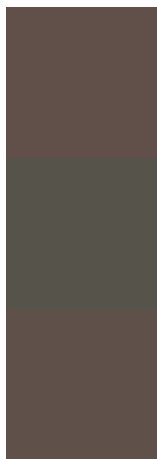


This preview shows how white text looks on a background with the Hex color 614F49.

# 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**  
614F49

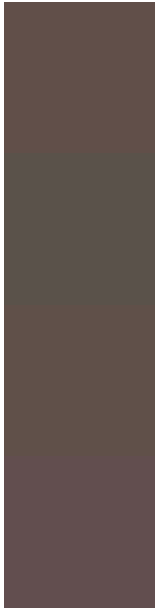
**Protanopia**  
56534B

**Deuteranopia**  
5F5049



**Tritanopia**  
624D53

# Trichromacy



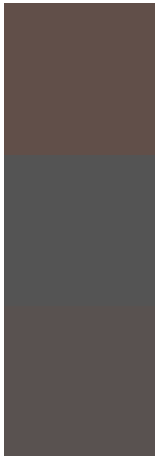
**Original Color**  
614F49

**Protanomaly**  
5A524A

**Deuteranomaly**  
605049

**Tritanomaly**  
624E4F

# Monochromacy



**Original Color**  
614F49

**Achromatopsia**  
545454

**Achromatomaly**  
595250

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614F49 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 #614F49 looks like.

```
.text, #text, p{  
    color:#614F49  
}
```

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 #614F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614F49
}
```

## Border

The CSS property to change the border of an element to Hex 614F49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

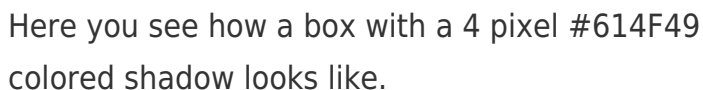
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#614F49 }
```

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

```
.border{ border-color:#614F49 }
```

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



Here you see how a box with a 4 pixel #614F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614F49; -webkit-box-shadow:4px 4px  
4px 4px #614F49; box-shadow:4px 4px 4px  
4px #614F49 }
```

# Background

The CSS property to change the background color of an element to Hex 614F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614F49 }
```

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

```
.background{ background-color:#614F49 }
```

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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