

# Converting Colors

Hex(614E51)

Have a look what the booklet for  
Hex(614E51) contains.

<b>Hex(614E51)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(614E51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	614E51
RGB	97, 78, 81
RGB Percent	38%, 31%, 32%
CMY	0.6196, 0.6941, 0.6824
CMYK	0.00, 0.20, 0.16, 0.62
HSL	351°, 11%, 34%
HSV	351°, 20%, 38%
XYZ	9.1394, 8.5842, 8.9598
YIQ	84.0230, 10.3610, 4.9610

# Conversions

## Conversions Part 2

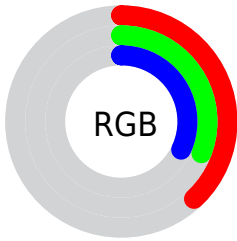
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 78, 81
Decimal	6377041
CIELab	35.17, 8.50, 1.23
CIELCh	35, 8.591, 8.264
Yxy	8.5842, 0.3425, 0.3217
Android (android.graphics.Color)	4284567121 (0xFF614E51)
YUV	84.0230, -1.4903, 11.3808
Hunter-Lab	29.2989, 4.4074, 2.3779

# Details

The Hex color **614E51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E615E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **947F82**, and **322225** is the 20% darker color. If you saturate the color by 10%, you get **614449**, and if you desaturate by 10%, it is **615859**.

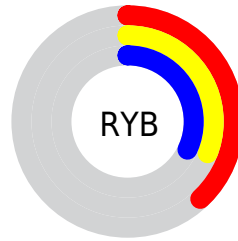
# Distribution



Red (38%)

Green (31%)

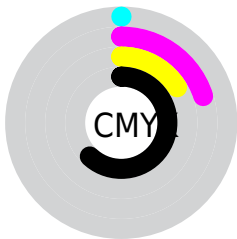
Blue (32%)



Red (38%)

Yellow (31%)

Blue (32%)

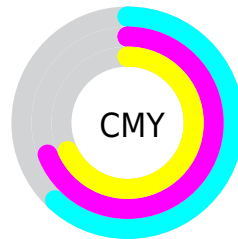


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (62%)



Cyan (62%)

Magenta (69%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614E51 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 614E51 by changing the saturation by 10% instead.



■ 614E51

■ 614E51

FFFFFF

■ 49373A

■ 947F82

■ 322225

■ AF999C

■ 1E0C0F

■ CAB4B7

■ 000000

■ E6CFD3

■ FFECEF

■ 614E51

■ 614E51

■ 614449

■ 615859

■ 613B41

■ 616161

613138

616B6A

612730

617572

611E28

617F7A

611420

618882

610A18

61928A

610010

619C92

61000F

61A59B

# Harmonies

## Analogous

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



5D4F58



614E51



614F4B

# Triad

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



614E51



4E5548



46555F

# Complementary

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



614E51



4E615E

# 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.



41565B



614E51



47564D

# Square

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



614E51



565345



425754



4E5360

# Rectangle

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



614E51



5E5047



425754



44555E



# Sweetspot

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



614E51



7D7577



5E4E61



403B3C



BFBFBF



404040



# Same Dimension

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



614E51



7D5F64



61544E



302C2C



700012



F00026



# Inverse Universe

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



614E51



7D5F64



4E5B61



302C2C



700012

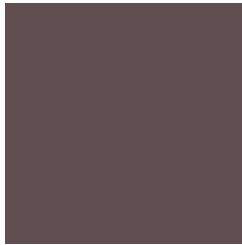


F00026



# Previews

## White Background



This preview shows how the Hex color 614E51 looks on a white background.

## Color Contrast Check

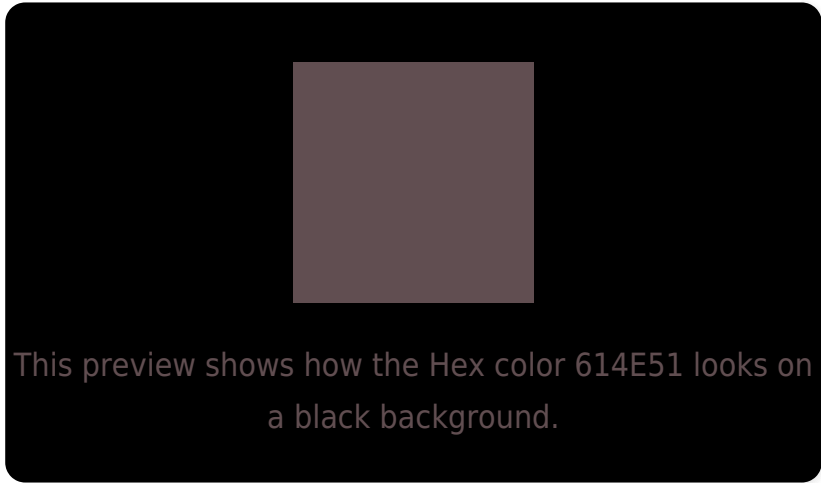
Large Text (above 18pt) WCAG AA ✓ Pass

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

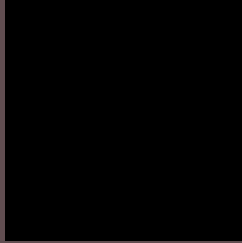
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614E51 Background



This preview shows how black text looks on a background with the Hex color 614E51.

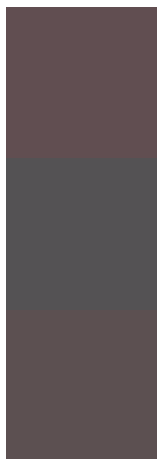


This preview shows how white text looks on a background with the Hex color 614E51.

# 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**  
614E51

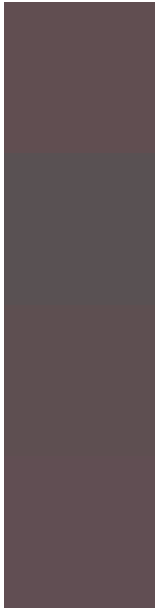
**Protanopia**  
545254

**Deuteranopia**  
5C5051



**Tritanopia**  
614E54

# Trichromacy



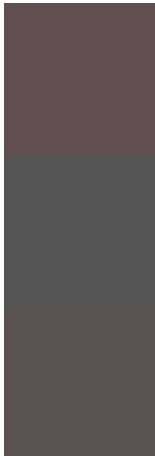
**Original Color**  
614E51

**Protanomaly**  
595153

**Deuteranomaly**  
5E4F51

**Tritanomaly**  
614E53

# Monochromacy



**Original Color**  
614E51

**Achromatopsia**  
545454

**Achromatomaly**  
595253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614E51 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 #614E51 looks like.

```
.text, #text, p{  
    color:#614E51  
}
```

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 #614E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614E51
}
```

## Border

The CSS property to change the border of an element to Hex 614E51 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".

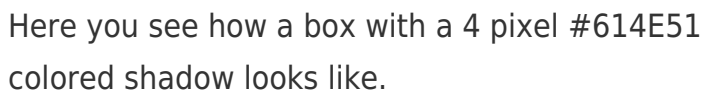
```
.border, #border, table{ border:4px solid
#614E51 }
```

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

```
.border{ border-color:#614E51 }
```

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

Here you see how a box with a 4 pixel #614E51 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614E51; -webkit-box-shadow:4px 4px  
4px 4px #614E51; box-shadow:4px 4px 4px  
4px #614E51 }
```

# Background

The CSS property to change the background color of an element to Hex 614E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614E51 }
```

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

```
.background{ background-color:#614E51 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor