

# Converting Colors

Hex(614467)

Have a look what the booklet for  
Hex(614467) contains.

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# Color

**Hex(614467)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	614467
RGB	97, 68, 103
RGB Percent	38%, 27%, 40%
CMY	0.6196, 0.7333, 0.5961
CMYK	0.06, 0.34, 0.00, 0.60
HSL	290°, 20%, 34%
HSV	290°, 34%, 40%
XYZ	9.4451, 7.6549, 13.8117
YIQ	80.6610, 6.0490, 17.0330

# Conversions

## Conversions Part 2

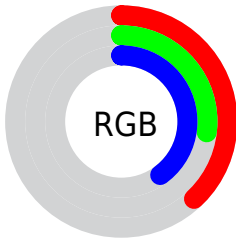
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 68, 103
Decimal	6374503
CIE <sub>Lab</sub>	33.25, 19.29, -15.57
CIE <sub>LCh</sub>	33, 24.793, 321.094
Yxy	7.6549, 0.3056, 0.2476
Android (android.graphics.Color)	4284564583 (0xFF614467)
YUV	80.6610, 11.0131, 14.3293
Hunter-Lab	27.6675, 12.5178, -10.2305

# Details

The Hex color **614467** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A6744**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **94759A**, and **321838** is the 20% darker color. If you saturate the color by 10%, you get **5F3A67**, and if you desaturate by 10%, it is **634E67**.

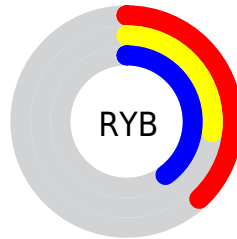
# Distribution



Red (38%)

Green (27%)

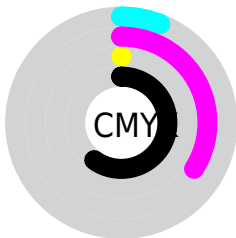
Blue (40%)



Red (38%)

Yellow (27%)

Blue (40%)

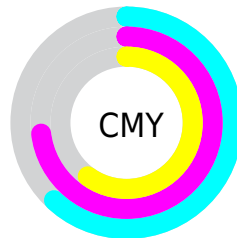


Cyan (6%)

Magenta (34%)

Yellow (0%)

Black (60%)



Cyan (62%)

Magenta (73%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614467 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 614467 by changing the saturation by 10% instead.





614467



614467

FFFFFF



492D4F



94759A



321838



AF8EB5



1E0023



CBA9D1



00000A



E7C4ED



000000



FFE0FF



FFDFDF



614467



614467



5F3A67



634E67

■ 5D2F67

■ 655967

■ 5C2567

■ 666367

■ 5A1B67

■ 686D67

■ 581067

■ 6A7867

■ 560667

■ 6C8267

■ 550067

■ 6D8C67

■ 6F9667

■ 71A167

# Harmonies

## Analogous

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



474B73



614467



703F55

# Triad

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



614467



604B27



00585C

# Complementary

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



614467



4A6744

# 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.



185847



614467



4D5129

# Square

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



614467



6E4430



365635



00566C

# Rectangle

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



614467



743E48



365635



005855



# Sweetspot

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



614467



857A87



444A67



433D45



C4C4C4



454545



# Same Dimension

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



614467



7E5087



67445C



322E33



5F0073



C900F2



# Inverse Universe

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



67444A



875059



44674F



332E2F



730014

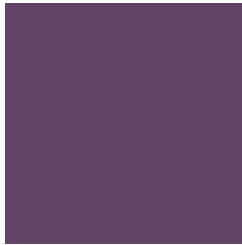


F2002A



# Previews

## White Background



This preview shows how the Hex color 614467 looks on a white background.

## Color Contrast Check

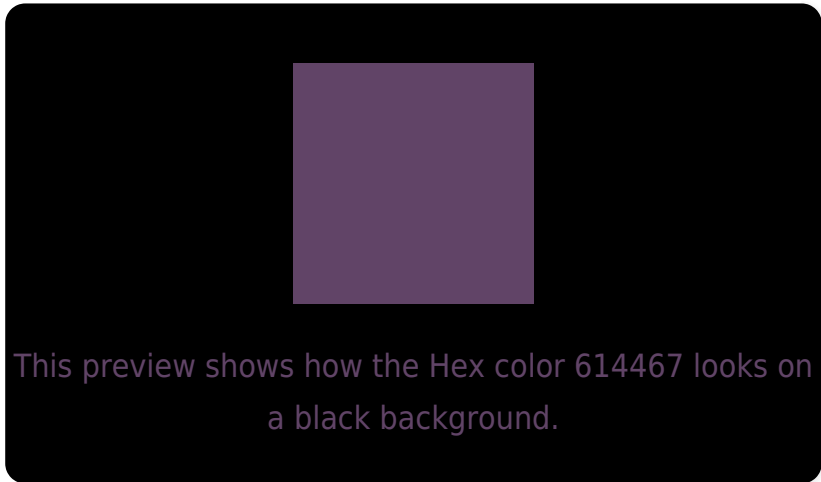
Large Text (above 18pt) WCAG AA ✓ Pass

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

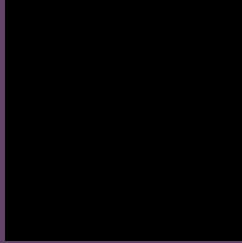
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614467 Background



This preview shows how black text looks on a background with the Hex color 614467.



This preview shows how white text looks on a background with the Hex color 614467.

# 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](#).

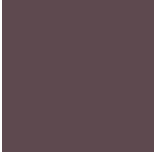
## Dichromacy



**Original Color**  
614467

**Protanopia**  
444D6E

**Deuteranopia**  
4A4D65



**Tritanopia**  
5E494F

# Trichromacy



**Original Color**  
614467

**Protanomaly**  
4F4A6B

**Deuteranomaly**  
524A66

**Tritanomaly**  
5F4758

# Monochromacy



**Original Color**  
614467

**Achromatopsia**  
515151

**Achromatomaly**  
574C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614467 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 #614467 looks like.

```
.text, #text, p{  
    color:#614467  
}
```

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 #614467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614467
}
```

## Border

The CSS property to change the border of an element to Hex 614467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

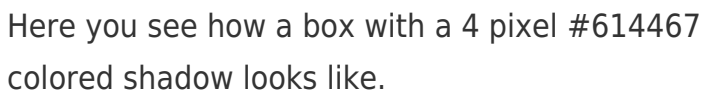
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#614467 }
```

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

```
.border{ border-color:#614467 }
```

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



Here you see how a box with a 4 pixel #614467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614467; -webkit-box-shadow:4px 4px  
4px 4px #614467; box-shadow:4px 4px 4px  
4px #614467 }
```

# Background

The CSS property to change the background color of an element to Hex 614467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614467 }
```

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

```
.background{ background-color:#614467 }
```

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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