

# Converting Colors

Hex(614F66)

Have a look what the booklet for  
Hex(614F66) contains.

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# Color

**Hex(614F66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	614F66
RGB	97, 79, 102
RGB Percent	38%, 31%, 40%
CMY	0.6196, 0.6902, 0.6000
CMYK	0.05, 0.23, 0.00, 0.60
HSL	287°, 13%, 35%
HSV	287°, 23%, 40%
XYZ	10.1240, 9.0927, 13.7918
YIQ	87.0040, 3.3450, 10.9690

# Conversions

## Conversions Part 2

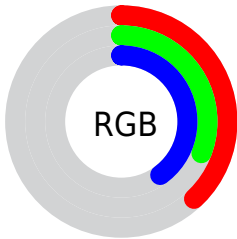
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 79, 102
Decimal	6377318
CIELab	36.16, 12.18, -10.51
CIElCh	36, 16.085, 319.210
Yxy	9.0927, 0.3067, 0.2755
Android (android.graphics.Color)	4284567398 (0xFF614F66)
YUV	87.0040, 7.3930, 8.7665
Hunter-Lab	30.1540, 7.1606, -6.0102

# Details

The Hex color **614F66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54664F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **948099**, and **322237** is the 20% darker color. If you saturate the color by 10%, you get **5F4566**, and if you desaturate by 10%, it is **635966**.

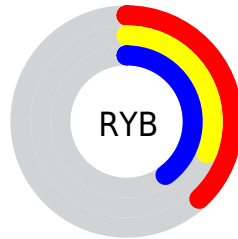
# Distribution



 Red (38%)

 Green (31%)

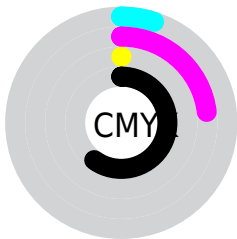
 Blue (40%)



 Red (38%)

 Yellow (31%)

 Blue (40%)

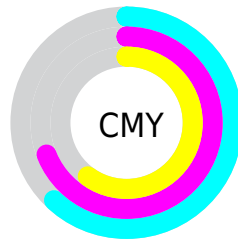


 Cyan (5%)

 Magenta (23%)

 Yellow (0%)

 Black (60%)



 Cyan (62%)

 Magenta (69%)

 Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614F66 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 614F66 by changing the saturation by 10% instead.



614F66

614F66

FFFFFF

49384E

948099

322237

AF9AB4

1D0E22

CAB5CF

000009

E6D1EC

000000

FFEDFF

614F66

614F66

5F4566

635966

5D3B66

656366

■ 5A3066

■ 686E66

■ 582666

■ 6A7866

■ 561C66

■ 6C8266

■ 541266

■ 6E8C66

■ 510866

■ 719666

■ 500066

■ 73A166

■ 75AB66

# Harmonies

## Analogous

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



51536D



614F66



6C4C5A

# Triad

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



614F66



63533C



2F5C5D

# Complementary

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



614F66



54664F

# 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.



395C50



614F66



56573D

# Square

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



614F66



6C4F42



475A44



315B68

# Rectangle

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



614F66



6F4C51



475A44



325C59



# Sweetspot

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



614F66



837B85



4F5466



413D42



C2C2C2



424242



# Same Dimension

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



614F66



7D6185



664F60



322E33



5A0073



BE00F2



# Inverse Universe

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



664F54



856169



4F6655



332E2F



730019



F20035



# Previews

## White Background



This preview shows how the Hex color 614F66 looks on a white background.

## Color Contrast Check

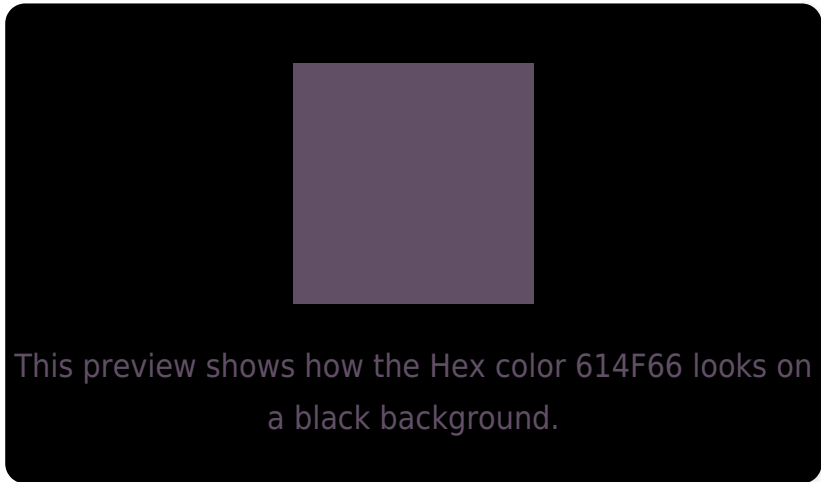
Large Text (above 18pt) WCAG AA ✓ Pass

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

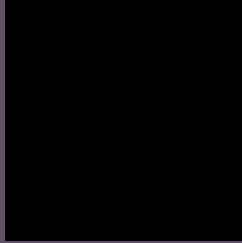
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614F66 Background



This preview shows how black text looks on a background with the Hex color 614F66.



This preview shows how white text looks on a background with the Hex color 614F66.

# 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**  
614F66

**Protanopia**  
50546A

**Deuteranopia**  
565365



**Tritanopia**  
5F5258

# Trichromacy



**Original Color**  
614F66

**Protanomaly**  
565269

**Deuteranomaly**  
5A5265

**Tritanomaly**  
60515D

# Monochromacy



**Original Color**  
614F66

**Achromatopsia**  
575757

**Achromatomaly**  
5B545C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614F66 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 #614F66 looks like.

```
.text, #text, p{  
    color:#614F66  
}
```

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 #614F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614F66  
}
```

## Border

The CSS property to change the border of an element to Hex 614F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

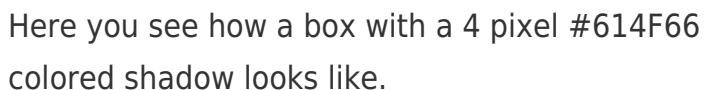
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#614F66 }
```

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

```
.border{ border-color:#614F66 }
```

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



Here you see how a box with a 4 pixel #614F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614F66; -webkit-box-shadow:4px 4px  
4px 4px #614F66; box-shadow:4px 4px 4px  
4px #614F66 }
```

# Background

The CSS property to change the background color of an element to Hex 614F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614F66 }
```

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

```
.background{ background-color:#614F66 }
```

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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