

# Converting Colors

Hex(615F70)

Have a look what the booklet for  
Hex(615F70) contains.

<b>Hex(615F70)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(615F70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	615F70
RGB	97, 95, 112
RGB Percent	38%, 37%, 44%
CMY	0.6196, 0.6275, 0.5608
CMYK	0.13, 0.15, 0.00, 0.56
HSL	247°, 8%, 41%
HSV	247°, 15%, 44%
XYZ	11.9466, 11.8957, 16.9957
YIQ	97.5360, -4.2650, 5.7110

# Conversions

## Conversions Part 2

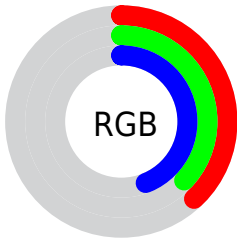
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 95, 112
Decimal	6381424
CIE <sub>Lab</sub>	41.05, 4.56, -9.32
CIE <sub>LCh</sub>	41, 10.377, 296.042
Yxy	11.8957, 0.2925, 0.2913
Android (android.graphics.Color)	4284571504 (0xFF615F70)
YUV	97.5360, 7.1308, -0.4701
Hunter-Lab	34.4901, 1.4708, -5.0733

# Details

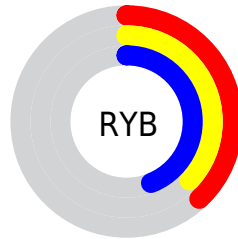
The Hex color **615F70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E705F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9491A4**, and **323140** is the 20% darker color. If you saturate the color by 10%, you get **575470**, and if you desaturate by 10%, it is **6B6A70**.

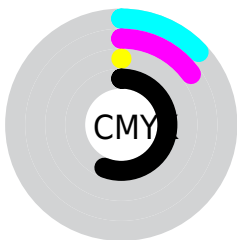
# Distribution



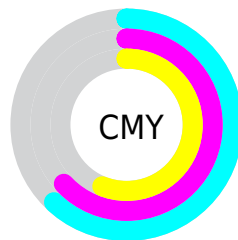
- Red (38%)
- Green (37%)
- Blue (44%)



- Red (38%)
- Yellow (37%)
- Blue (44%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (63%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615F70 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 615F70 by changing the saturation by 10% instead.



■ 615F70

■ 615F70

FFFFFF

■ 494758

■ 9491A4

■ 323140

■ AEACBF

■ 1D1C2A

■ CAC7DB

■ 050116

■ E6E3F7

■ 000000

■ 615F70

■ 615F70

■ 575470

■ 6B6A70

■ 4D4970

■ 757570

■ 433D70

■ 7F8170

■ 393270

■ 898C70

■ 302770

■ 929770

■ 261C70

■ 9CA270

■ 1C1170

■ A6AD70

■ 120570

■ B0B970

■ 0D0070

■ BAC470

# Harmonies

## Analogous

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



566272



615F70



6B5C6A

# Triad

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



615F70



705D53



4E665F

# Complementary

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



615F70



6E705F

# 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.



566557



615F70



696050

# Square

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



615F70



735B5A



5F6351



4B6668

# Rectangle

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



615F70



705B65



5F6351



50655C



# Sweetspot

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



615F70



8B8A91



5F6E70



46464A



C9C9C9



4A4A4A



# Same Dimension

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



615F70



7A7791



695F70



333238



0E0078



1D00F7



# Inverse Universe

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



705F6E



91778E



66705F



383237



78006A



F700DA



# Previews

## White Background



This preview shows how the Hex color 615F70 looks on a white background.

## Color Contrast Check

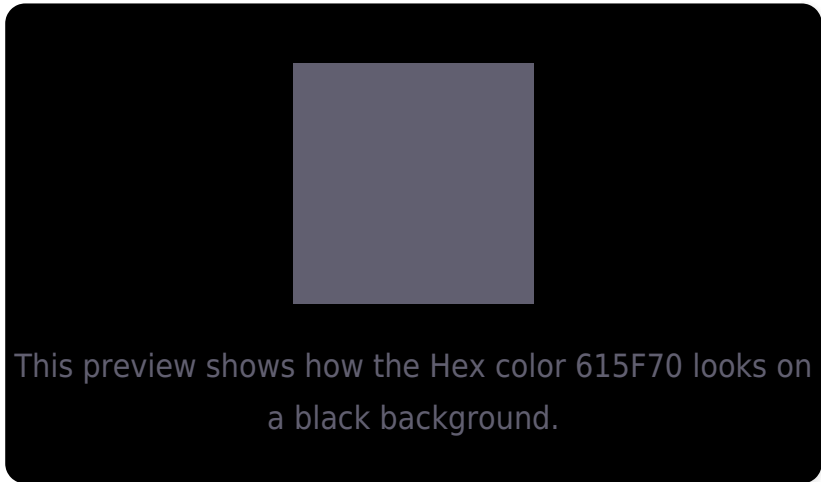
Large Text (above 18pt) WCAG AA ✓ Pass

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

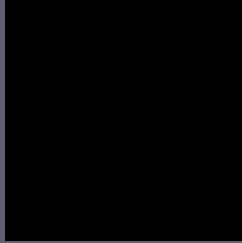
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

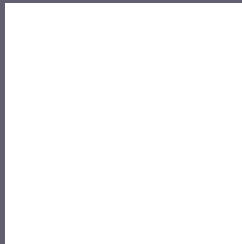
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 615F70 Background



This preview shows how black text looks on a background with the Hex color 615F70.



This preview shows how white text looks on a background with the Hex color 615F70.

# 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**  
615F70

**Protanopia**  
5E6071

**Deuteranopia**  
635E70



**Tritanopia**  
606068

# Trichromacy



**Original Color**  
615F70

**Protanomaly**  
5F6071

**Deuteranomaly**  
625E70

**Tritanomaly**  
60606B

# Monochromacy



**Original Color**  
615F70

**Achromatopsia**  
626262

**Achromatomaly**  
626167

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615F70 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 #615F70 looks like.

```
.text, #text, p{  
    color:#615F70  
}
```

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 #615F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615F70
}
```

## Border

The CSS property to change the border of an element to Hex 615F70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

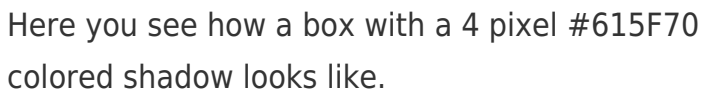
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615F70 }
```

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

```
.border{ border-color:#615F70 }
```

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



Here you see how a box with a 4 pixel #615F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615F70; -webkit-box-shadow:4px 4px  
4px 4px #615F70; box-shadow:4px 4px 4px  
4px #615F70 }
```

# Background

The CSS property to change the background color of an element to Hex 615F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615F70 }
```

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

```
.background{ background-color:#615F70 }
```

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