

# Converting Colors

Hex(615A63)

Have a look what the booklet for  
Hex(615A63) contains.

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# Color

Hex(615A63)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	615A63
RGB	97, 90, 99
RGB Percent	38%, 35%, 39%
CMY	0.6196, 0.6471, 0.6118
CMYK	0.02, 0.09, 0.00, 0.61
HSL	287°, 5%, 37%
HSV	287°, 9%, 39%
XYZ	10.8381, 10.7546, 13.3090
YIQ	93.1190, 1.2830, 4.2830

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 90, 99
Decimal	6380131
CIE Lab	39.16, 4.68, -4.15
CIE LCh	39, 6.256, 318.491
Yxy	10.7546, 0.3105, 0.3081
Android (android.graphics.Color)	4284570211 (0xFF615A63)
YUV	93.1190, 2.8993, 3.4036
Hunter-Lab	32.7942, 1.6022, -1.1060

# Details

The Hex color **615A63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C635A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **948C96**, and **332C35** is the 20% darker color. If you saturate the color by 10%, you get **5F5063**, and if you desaturate by 10%, it is **636463**.

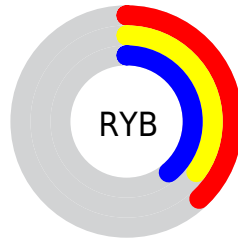
# Distribution



Red (38%)

Green (35%)

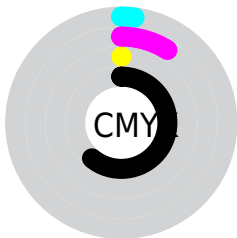
Blue (39%)



Red (38%)

Yellow (35%)

Blue (39%)

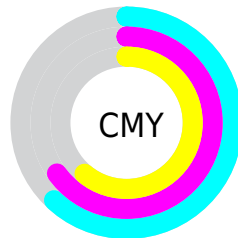


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (65%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615A63 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 615A63 by changing the saturation by 10% instead.



615A63

615A63

FFFFFF

49434B

948C96

332C35

AEA6B0

1E181F

CAC2CC

000007

E6DDE8

000000

FFFAFF

615A63

615A63

5F5063

636463

5D4663

656E63

■ 5A3C63

■ 687863

■ 583263

■ 6A8263

■ 562963

■ 6C8C63

■ 541F63

■ 6E9563

■ 521563

■ 709F63

■ 4F0B63

■ 73A963

■ 4D0163

■ 75B363

# Harmonies

## Analogous

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



5B5C66



615A63



66595E

# Triad

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



615A63



625B52



505F5F

# Complementary

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



615A63



5C635A

# 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.



525F5A



615A63



5D5D53

# Square

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



615A63



665A55



575E55



515F64

# Rectangle

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



615A63



67595B



575E55



505F5E



# Sweetspot

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



615A63



7F7C80



5A5C63



3F3D40



BFBFBF



404040



# Same Dimension

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



615A63



7C7180



635A61



2F2C30



570070



BA00F0



# Inverse Universe

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



635A5C



807175



5A635C



302C2D



700019



F00035



# Previews

## White Background



This preview shows how the Hex color 615A63 looks on a white background.

## Color Contrast Check

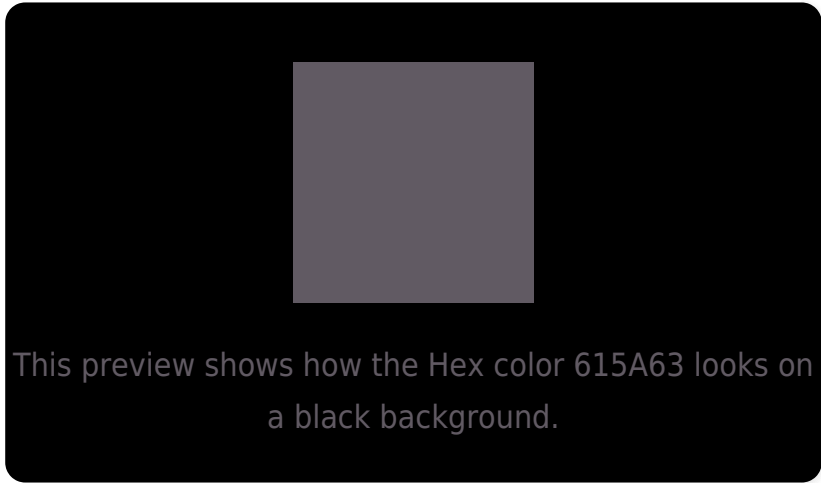
Large Text (above 18pt) WCAG AA ✓ Pass

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

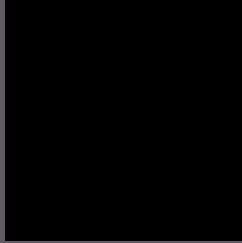
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 615A63 Background



This preview shows how black text looks on a background with the Hex color 615A63.



This preview shows how white text looks on a background with the Hex color 615A63.

# 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**  
615A63

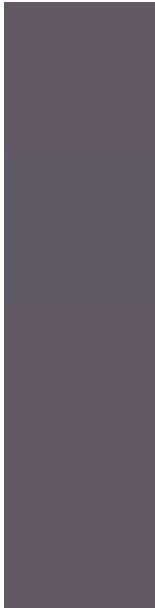
**Protanopia**  
5C5C64

**Deuteranopia**  
625A63



**Tritanopia**  
615A61

# Trichromacy



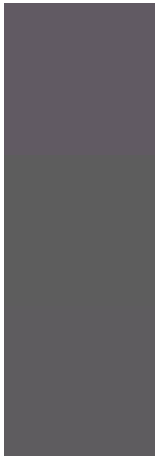
**Original Color**  
615A63

**Protanomaly**  
5E5B64

**Deuteranomaly**  
625A63

**Tritanomaly**  
615A62

# Monochromacy



**Original Color**  
615A63

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5E5C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615A63 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 #615A63 looks like.

```
.text, #text, p{  
    color:#615A63  
}
```

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 #615A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615A63
}
```

## Border

The CSS property to change the border of an element to Hex 615A63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

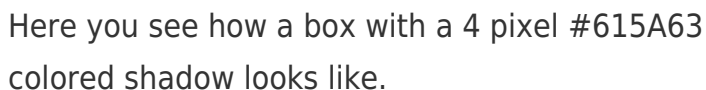
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615A63 }
```

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

```
.border{ border-color:#615A63 }
```

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



Here you see how a box with a 4 pixel #615A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615A63; -webkit-box-shadow:4px 4px  
4px 4px #615A63; box-shadow:4px 4px 4px  
4px #615A63 }
```

# Background

The CSS property to change the background color of an element to Hex 615A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615A63 }
```

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

```
.background{ background-color:#615A63 }
```

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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