

# Converting Colors

Hex(615E68)

Have a look what the booklet for  
Hex(615E68) contains.

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# Color

**Hex(615E68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	615E68
RGB	97, 94, 104
RGB Percent	38%, 37%, 41%
CMY	0.6196, 0.6314, 0.5922
CMYK	0.07, 0.10, 0.00, 0.59
HSL	258°, 5%, 39%
HSV	258°, 10%, 41%
XYZ	11.4312, 11.5463, 14.7229
YIQ	96.0370, -1.4220, 3.7460

# Conversions

## Conversions Part 2

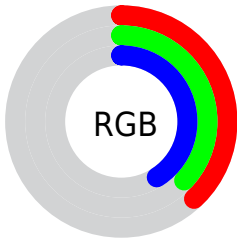
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 94, 104
Decimal	6381160
CIE Lab	40.49, 3.33, -5.26
CIE LCh	40, 6.230, 302.332
Yxy	11.5463, 0.3032, 0.3063
Android (android.graphics.Color)	4284571240 (0xFF615E68)
YUV	96.0370, 3.9258, 0.8446
Hunter-Lab	33.9798, 0.5846, -1.9035

# Details

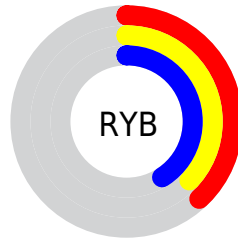
The Hex color **615E68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65685E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **94909B**, and **333039** is the 20% darker color. If you saturate the color by 10%, you get **5A5468**, and if you desaturate by 10%, it is **686868**.

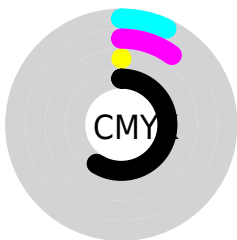
# Distribution



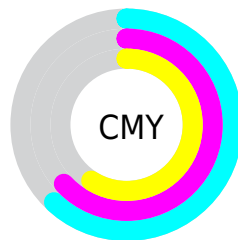
- Red (38%)
- Green (37%)
- Blue (41%)



- Red (38%)
- Yellow (37%)
- Blue (41%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (63%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615E68 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 615E68 by changing the saturation by 10% instead.



■ 615E68

■ 615E68

FFFFFF

■ 494650

■ 94909B

■ 333039

■ AEABB6

■ 1E1B24

■ CAC6D1

■ 04000E

■ E6E2EE

■ 000000

■ 615E68

■ 615E68

■ 5A5468

■ 686868

■ 524968

■ 707368

■ 4B3F68

■ 777D68

■ 443468

■ 7E8868

■ 3D2A68

■ 859268

■ 352068

■ 8D9C68

■ 2E1568

■ 94A768

■ 270B68

■ 9BB168

■ 1F0068

■ A3BC68

# Harmonies

## Analogous

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



5B6069



615E68



675D64

# Triad

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



615E68



685E57



546360

# Complementary

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



615E68



65685E

# 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.



58625B



615E68



635F55

# Square

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



615E68



6A5C5A



5D6157



536265

# Rectangle

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



615E68



695C61



5D6157



55625E



# Sweetspot

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



615E68



848387



5E6568



434245



C4C4C4



454545



# Same Dimension

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



615E68



7C7787



665E68



2F2E33



220073



4900F2



# Inverse Universe

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



685E65



877782



60685E



332E31



730050



F200AA



# Previews

## White Background



This preview shows how the Hex color 615E68 looks on a white background.

## Color Contrast Check

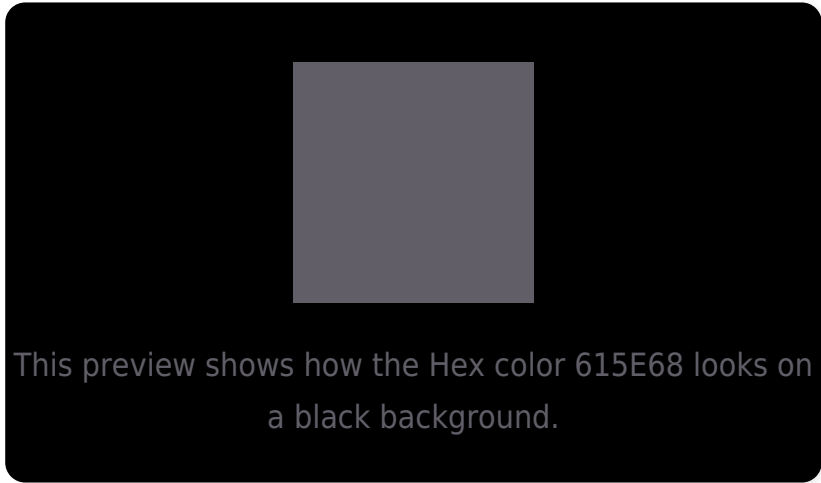
Large Text (above 18pt) WCAG AA ✓ Pass

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

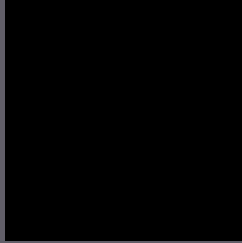
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

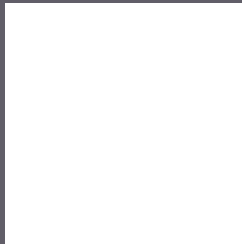
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 615E68 Background



This preview shows how black text looks on a background with the Hex color 615E68.



This preview shows how white text looks on a background with the Hex color 615E68.

# 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**  
615E68

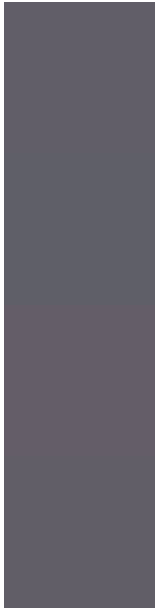
**Protanopia**  
5E5F68

**Deuteranopia**  
655D68



**Tritanopia**  
615E66

# Trichromacy



**Original Color**

615E68

**Protanomaly**

5F5F68

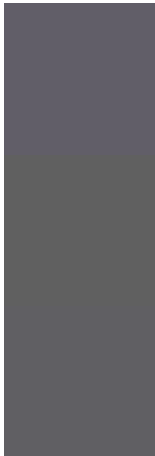
**Deuteranomaly**

645D68

**Tritanomaly**

615E67

# Monochromacy



**Original Color**

615E68

**Achromatopsia**

606060

**Achromatomaly**

605F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615E68 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 #615E68 looks like.

```
.text, #text, p{  
    color:#615E68  
}
```

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 #615E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615E68
}
```

## Border

The CSS property to change the border of an element to Hex 615E68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

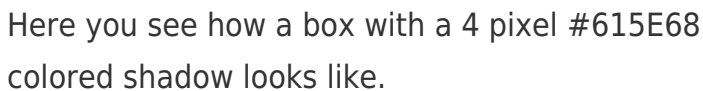
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615E68 }
```

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

```
.border{ border-color:#615E68 }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color (#615E68) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #615E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615E68; -webkit-box-shadow:4px 4px  
4px 4px #615E68; box-shadow:4px 4px 4px  
4px #615E68 }
```

# Background

The CSS property to change the background color of an element to Hex 615E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615E68 }
```

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

```
.background{ background-color:#615E68 }
```

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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