

# Converting Colors

Hex(615368)

Have a look what the booklet for  
Hex(615368) contains.

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# Color

**Hex(615368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	615368
RGB	97, 83, 104
RGB Percent	38%, 33%, 41%
CMY	0.6196, 0.6745, 0.5922
CMYK	0.07, 0.20, 0.00, 0.59
HSL	280°, 11%, 37%
HSV	280°, 20%, 41%
XYZ	10.5217, 9.7274, 14.4197
YIQ	89.5800, 1.6030, 9.4990

# Conversions

## Conversions Part 2

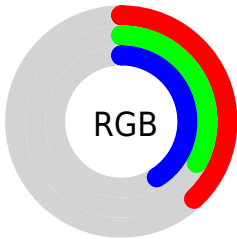
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 83, 104
Decimal	6378344
CIE Lab	37.35, 10.13, -9.96
CIE LCh	37, 14.207, 315.466
Yxy	9.7274, 0.3035, 0.2806
Android (android.graphics.Color)	4284568424 (0xFF615368)
YUV	89.5800, 7.1091, 6.5073
Hunter-Lab	31.1887, 5.6378, -5.5799

# Details

The Hex color **615368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A6853**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **94859B**, and **322639** is the 20% darker color. If you saturate the color by 10%, you get **5E4968**, and if you desaturate by 10%, it is **645D68**.

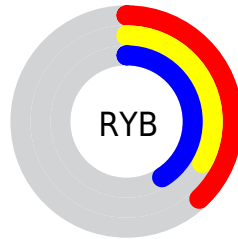
# Distribution



Red (38%)

Green (33%)

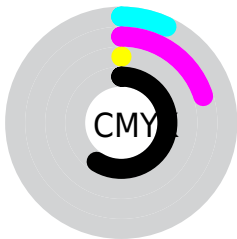
Blue (41%)



Red (38%)

Yellow (33%)

Blue (41%)

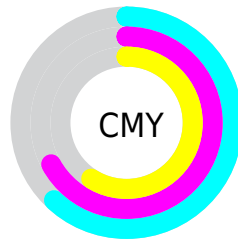


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (59%)



Cyan (62%)

Magenta (67%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615368 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 615368 by changing the saturation by 10% instead.



615368

615368

FFFFFF

493C50

94859B

322639

AE9FB6

1D1223

CABAD2

00010D

E6D5EE

000000

FFF2FF

615368

615368

5E4968

645D68

5A3E68

686868

■ 573468

■ 6B7268

■ 532968

■ 6F7D68

■ 501F68

■ 728768

■ 4C1568

■ 769168

■ 490A68

■ 799C68

■ 450068

■ 7DA668

■ 80B168

# Harmonies

## Analogous

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



52576E



615368



6B505E

# Triad

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



615368



665542



385E5E

# Complementary

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



615368



5A6853

# 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.



415E52



615368



5A5942

# Square

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



615368



6D5248



4D5C48



395D68

# Rectangle

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



615368



6F5056



4D5C48



3A5E5A



# Sweetspot

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



615368



847F87



535A68



434045



C4C4C4



454545



# Same Dimension

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



615368



7C6787



685365



312E33



4C0073



A100F2



# Inverse Universe

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



68535A



876772



536856



332E30



730026



F20051



# Previews

## White Background



This preview shows how the Hex color 615368 looks on a white background.

## Color Contrast Check

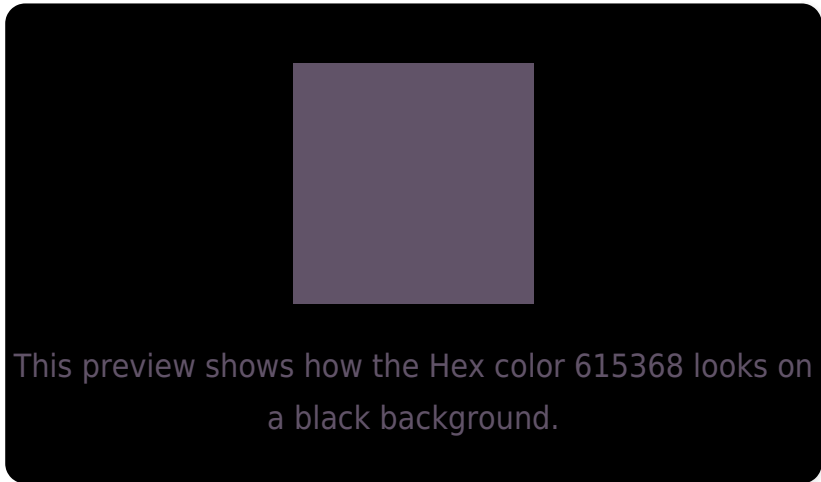
Large Text (above 18pt) WCAG AA ✓ Pass

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

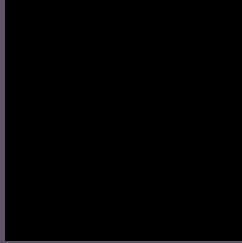
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 615368 Background



This preview shows how black text looks on a background with the Hex color 615368.



This preview shows how white text looks on a background with the Hex color 615368.

# 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](#).

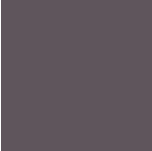
## Dichromacy



**Original Color**  
615368

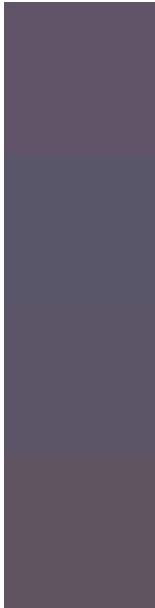
**Protanopia**  
54576B

**Deuteranopia**  
595667



**Tritanopia**  
5F555C

# Trichromacy



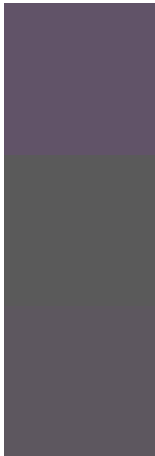
**Original Color**  
615368

**Protanomaly**  
59566A

**Deuteranomaly**  
5C5567

**Tritanomaly**  
605460

# Monochromacy



**Original Color**  
615368

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5D575F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615368 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 #615368 looks like.

```
.text, #text, p{  
    color:#615368  
}
```

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 #615368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615368
}
```

## Border

The CSS property to change the border of an element to Hex 615368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

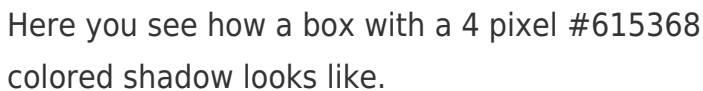
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615368 }
```

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

```
.border{ border-color:#615368 }
```

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



Here you see how a box with a 4 pixel #615368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615368; -webkit-box-shadow:4px 4px  
4px 4px #615368; box-shadow:4px 4px 4px  
4px #615368 }
```

# Background

The CSS property to change the background color of an element to Hex 615368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615368 }
```

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

```
.background{ background-color:#615368 }
```

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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