

# Converting Colors

Hex(616568)

Have a look what the booklet for  
Hex(616568) contains.

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# Color

**Hex(616568)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 616568                    |
| RGB           | 97, 101, 104              |
| RGB Percent   | 38%, 40%, 41%             |
| CMY           | 0.6196, 0.6039, 0.5922    |
| CMYK          | 0.07, 0.03, 0.00, 0.59    |
| HSL           | 206°, 3%, 39%             |
| HSV           | 206°, 7%, 41%             |
| XYZ           | 12.0821, 12.8482, 14.9399 |
| YIQ           | 100.1460, -3.3470, 0.0850 |

# Conversions

## Conversions Part 2

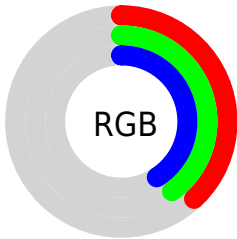
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 97, 100, 104                 |
| Decimal                             | 6382952                      |
| CIE <sub>Lab</sub>                  | 42.53, -0.90, -2.24          |
| CIE <sub>LCh</sub>                  | 43, 2.408, 248.146           |
| Yxy                                 | 12.8482, 0.3030,<br>0.3223   |
| Android<br>(android.graphics.Color) | 4284573032<br>(0xFF616568)   |
| YUV                                 | 100.1460, 1.9000,<br>-2.7590 |
| Hunter-Lab                          | 35.8444, -2.5605,<br>0.3792  |

# Details

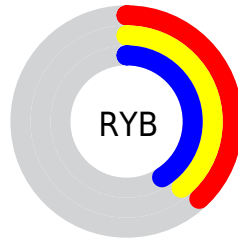
The Hex color **616568** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686461**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **94989B**, and **333639** is the 20% darker color. If you saturate the color by 10%, you get **576168**, and if you desaturate by 10%, it is **6B6968**.

# Distribution



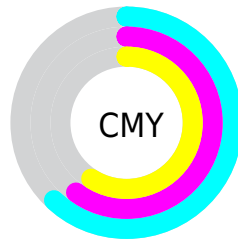
- Red (38%)
- Green (40%)
- Blue (41%)



- Red (38%)
- Yellow (39%)
- Blue (41%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (60%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 616568 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 616568 by changing the saturation by 10% instead.





616568



616568

FFFFFF



494D50



94989B



333639



AEB3B6



1E2124



CACED1



040A0E



E6EAE



000000



616568



616568



576168



6B6968



4C5C68



766E68



425868



807268

■ 375368

■ 8B7768

■ 2D4F68

■ 957B68

■ 234A68

■ 9F8068

■ 184668

■ AA8468

■ 0E4168

■ B48968

■ 033D68

■ BF8D68

# Harmonies

## Analogous

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



606567



616568



636468

# Triad

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



616568



696364



636561

# Complementary

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



616568



686461

# 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.



666460



616568



696362

# Square

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



616568



686366



686461



616563

# Rectangle

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



616568



656468



686461



646561



# Sweetspot

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



616568



848687



616864



434445



C4C4C4



454545



# Same Dimension

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



616568



7C8387



616268



2E3133



004273



008AF2



# Inverse Universe

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



686165



877C83



686761



332E31



730042



F2008A



# Previews

## White Background



This preview shows how the Hex color 616568 looks on a white background.

## Color Contrast Check

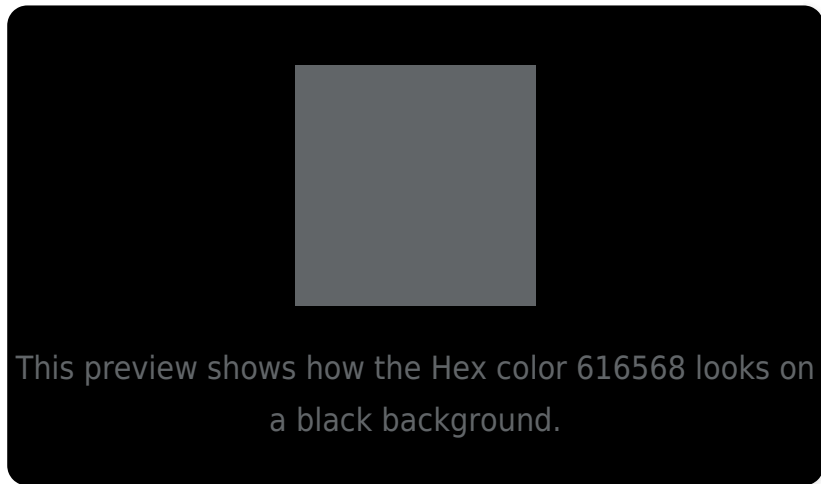
Large Text (above 18pt) WCAG AA ✓ Pass

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

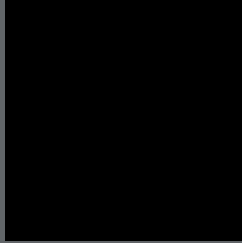
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

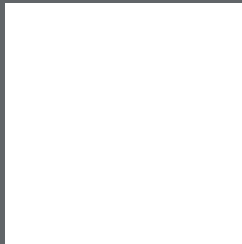
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 616568 Background



This preview shows how black text looks on a background with the Hex color 616568.



This preview shows how white text looks on a background with the Hex color 616568.

# 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**  
616568

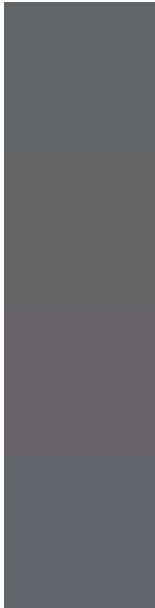
**Protanopia**  
656467

**Deuteranopia**  
6C6169



**Tritanopia**  
62646C

# Trichromacy



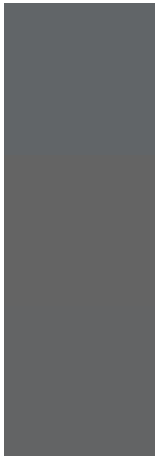
**Original Color**  
616568

**Protanomaly**  
646467

**Deuteranomaly**  
686269

**Tritanomaly**  
62646B

# Monochromacy



**Original Color**  
616568

**Achromatopsia**  
646464

**Achromatomaly**  
636465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 616568 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 #616568 looks like.

```
.text, #text, p{  
    color:#616568  
}
```

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 #616568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616568
}
```

## Border

The CSS property to change the border of an element to Hex 616568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

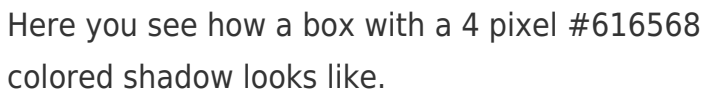
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616568 }
```

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

```
.border{ border-color:#616568 }
```

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



Here you see how a box with a 4 pixel #616568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616568; -webkit-box-shadow:4px 4px  
4px 4px #616568; box-shadow:4px 4px 4px  
4px #616568 }
```

# Background

The CSS property to change the background color of an element to Hex 616568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616568 }
```

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

```
.background{ background-color:#616568 }
```

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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