

Converting Colors

Hex(616768)

Have a look what the booklet for
Hex(616768) contains.

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Color

Hex(616768)

Conversions

Conversions Part 1

Format	Color
Hex	616768
RGB	97, 103, 104
RGB Percent	38%, 40%, 41%
CMY	0.6196, 0.5961, 0.5922
CMYK	0.07, 0.01, 0.00, 0.59
HSL	189°, 3%, 39%
HSV	189°, 7%, 41%
XYZ	12.2787, 13.2414, 15.0054
YIQ	101.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

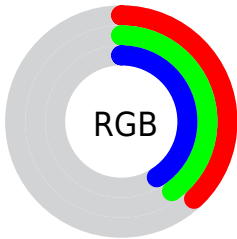
Format	Color
R_{YB}	97, 100, 104
Decimal	6383464
CIE Lab	43.12, -2.09, -1.37
CIE LCh	43, 2.496, 213.211
Yxy	13.2414, 0.3030, 0.3267
Android (android.graphics.Color)	4284573544 (0xFF616768)
YUV	101.3200, 1.3212, -3.7886
Hunter-Lab	36.3887, -3.4486, 1.0230

Details

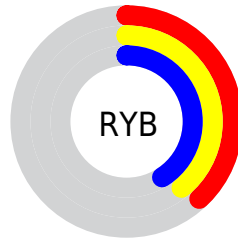
The Hex color **616768** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686261**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **949A9B**, and **333839** is the 20% darker color. If you saturate the color by 10%, you get **576668**, and if you desaturate by 10%, it is **6B6868**.

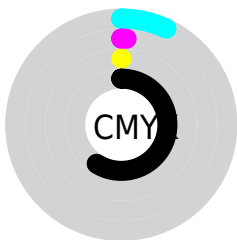
Distribution



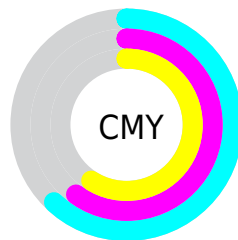
- Red (38%)
- Green (40%)
- Blue (41%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 616768 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 616768 by changing the saturation by 10% instead.

■ 616768

■ 616768

FFFFFF

■ 494F50

■ 949A9B

■ 333839

■ AEB5B6

■ 1E2324

■ CAD0D1

■ 040D0E

■ E6EDEE

■ 000000

■ 616768

■ 616768

■ 576668

■ 6B6868

■ 4C6468

■ 766A68

■ 426368

■ 806B68

■ 376168

■ 8B6D68

■ 2D6068

■ 956E68

■ 235E68

■ 9F7068

■ 185D68

■ AA7168

■ 0E5B68

■ B47368

■ 035A68

■ BF7468

Harmonies

Analogous

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



616766



616768



626769

Triad

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



616768



696568



676662

Complementary

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



616768



686261

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.



696562



616768



6A6566

Square

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



616768



676569



6A6564



656662

Rectangle

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



616768



63666A



6A6564



686662

Sweetspot

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



616768



848787



616862



434545



C4C4C4



454545

Same Dimension

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



616768



7C8687



616468



2E3233



006273



00D0F2

Inverse Universe

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



686167



877C86



686561



332E32



730062



F200D0

Previews

White Background



This preview shows how the Hex color 616768 looks on a white background.

Color Contrast Check

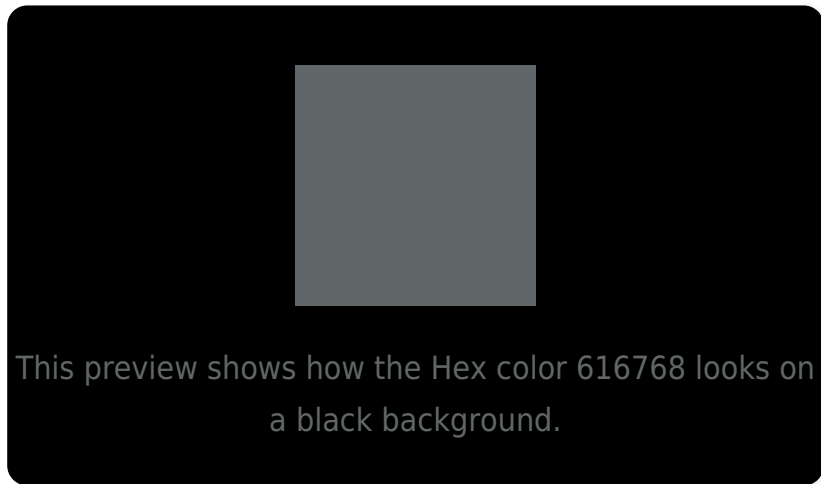
Large Text (above 18pt) WCAG AA ✓ Pass

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

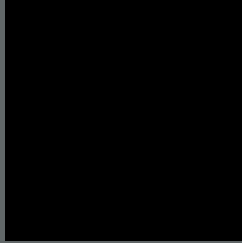
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

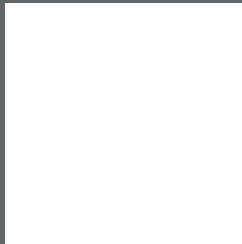
Any Text WCAG AAA × Fail

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

Hex 616768 Background



This preview shows how black text looks on a background with the Hex color 616768.



This preview shows how white text looks on a background with the Hex color 616768.

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
616768

Protanopia
676567

Deuteranopia
6E6369



Tritanopia
62666E

Trichromacy



Original Color

616768

Protanomaly

656667

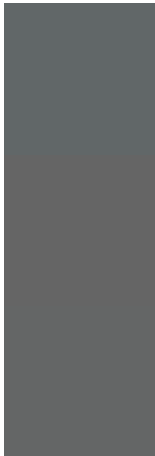
Deuteranomaly

696469

Tritanomaly

62666C

Monochromacy



Original Color

616768

Achromatopsia

656565

Achromatomaly

646666

CSS Examples

Text

The CSS property to change the color of the text to Hex 616768 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 #616768 looks like.

```
.text, #text, p{  
    color:#616768  
}
```

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 #616768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616768
}
```

Border

The CSS property to change the border of an element to Hex 616768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

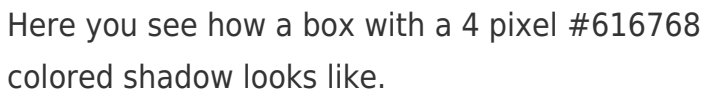
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616768 }
```

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

```
.border{ border-color:#616768 }
```

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



Here you see how a box with a 4 pixel #616768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616768; -webkit-box-shadow:4px 4px  
4px 4px #616768; box-shadow:4px 4px 4px  
4px #616768 }
```

Background

The CSS property to change the background color of an element to Hex 616768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616768 }
```

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

```
.background{ background-color:#616768 }
```

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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