

# Converting Colors

Hex(616C6B)

Have a look what the booklet for  
Hex(616C6B) contains.

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# Color

**Hex(616C6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	616C6B
RGB	97, 108, 107
RGB Percent	38%, 42%, 42%
CMY	0.6196, 0.5765, 0.5804
CMYK	0.10, 0.00, 0.01, 0.58
HSL	175°, 5%, 40%
HSV	175°, 10%, 42%
XYZ	12.9462, 14.3280, 15.9932
YIQ	104.5970, -6.2350, -2.6430

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 103, 108
Decimal	6384747
CIE Lab	44.70, -4.38, -0.87
CIE LCh	45, 4.463, 191.242
Yxy	14.3280, 0.2992, 0.3312
Android (android.graphics.Color)	4284574827 (0xFF616C6B)
YUV	104.5970, 1.1847, -6.6626
Hunter-Lab	37.8524, -5.1917, 1.4458

# Details

The Hex color **616C6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C6162**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **949F9E**, and **333D3C** is the 20% darker color. If you saturate the color by 10%, you get **566C6A**, and if you desaturate by 10%, it is **6C6C6C**.

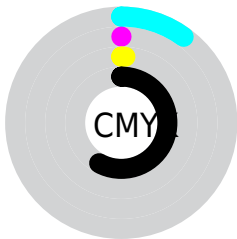
# Distribution



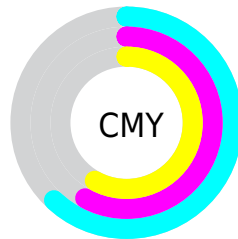
- Red (38%)
- Green (42%)
- Blue (42%)



- Red (38%)
- Yellow (40%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 616C6B 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 616C6B by changing the saturation by 10% instead.



616C6B

616C6B

FFFFFF

495453

949F9E

333D3C

AEBAB9

1D2726

CAD6D5

051211

E6F2F1

000000

616C6B

616C6B

566C6A

6C6C6C

4B6C69

776C6D

416C68

816C6E

366C67

8C6C6F

2B6C66

976C70

206C65

A26C71

156C64

AD6C72

0B6C63

B76C73

006C62

C26C74

# Harmonies

## Analogous

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



636C67



616C6B



616C6E

# Triad

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



616C6B



6C686F



6F6963

# Complementary

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



616C6B



6C6162

# 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.



726865



616C6B



70686C

# Square

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



616C6B



686A71



726768



6B6A62

# Rectangle

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



616C6B



626B70



726768



706863



# Sweetspot

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



616C6B



888C8C



626C61



454747



C7C7C7



474747



# Same Dimension

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



616C6B



7B8C8B



61686C



303635



00756B



00F5DF



# Inverse Universe

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



6C6162



8C7B7D



6C6561



363031



75000B



F50016



# Previews

## White Background



This preview shows how the Hex color 616C6B looks on a white background.

## Color Contrast Check

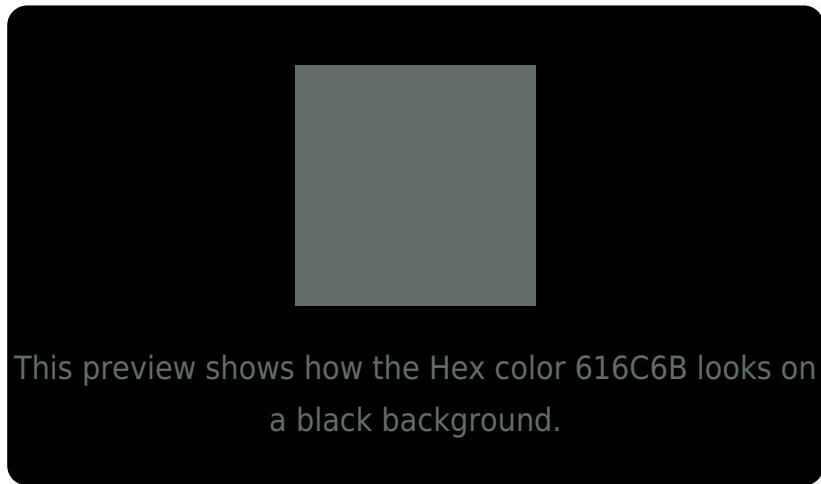
Large Text (above 18pt) WCAG AA ✓ Pass

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

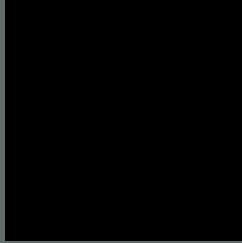
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

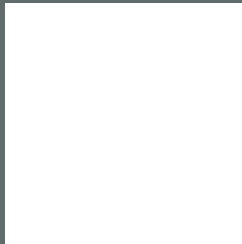
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 616C6B Background



This preview shows how black text looks on a background with the Hex color 616C6B.



This preview shows how white text looks on a background with the Hex color 616C6B.

# 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](#).

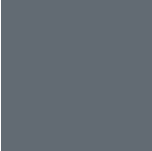
## Dichromacy



**Original Color**  
616C6B

**Protanopia**  
6B6969

**Deuteranopia**  
73666C



**Tritanopia**  
626B73

# Trichromacy



**Original Color**  
616C6B

**Protanomaly**  
676A6A

**Deuteranomaly**  
6C686C

**Tritanomaly**  
626B70

# Monochromacy



**Original Color**  
616C6B

**Achromatopsia**  
696969

**Achromatomaly**  
666A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 616C6B 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 #616C6B looks like.

```
.text, #text, p{  
    color:#616C6B  
}
```

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 #616C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616C6B
}
```

## Border

The CSS property to change the border of an element to Hex 616C6B 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
#616C6B }
```

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

```
.border{ border-color:#616C6B }
```

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

Here you see how a box with a 4 pixel #616C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616C6B; -webkit-box-shadow:4px 4px  
4px 4px #616C6B; box-shadow:4px 4px 4px  
4px #616C6B }
```

# Background

The CSS property to change the background color of an element to Hex 616C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616C6B }
```

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

```
.background{ background-color:#616C6B }
```

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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