

Converting Colors

Hex(616B49)

Have a look what the booklet for
Hex(616B49) contains.

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Color

Hex(616B49)

Conversions

Conversions Part 1

Format	Color
Hex	616B49
RGB	97, 107, 73
RGB Percent	38%, 42%, 29%
CMY	0.6196, 0.5804, 0.7137
CMYK	0.09, 0.00, 0.32, 0.58
HSL	78°, 19%, 35%
HSV	78°, 32%, 42%
XYZ	11.3901, 13.5378, 8.3161
YIQ	100.1340, 4.9540, -12.6940

Conversions

Conversions Part 2

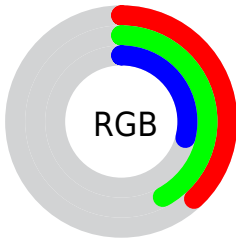
Format	Color
RYB	73, 107, 83
Decimal	6384457
CIELab	43.56, -10.23, 17.84
CIElCh	44, 20.562, 119.826
Yxy	13.5378, 0.3426, 0.4072
Android (android.graphics.Color)	4284574537 (0xFF616B49)
YUV	100.1340, -13.3771, -2.7485
Hunter-Lab	36.7938, -9.1318, 12.3550

Details

The Hex color **616B49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53496B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **949E7A**, and **323C1D** is the 20% darker color. If you saturate the color by 10%, you get **5E6B3E**, and if you desaturate by 10%, it is **646B54**.

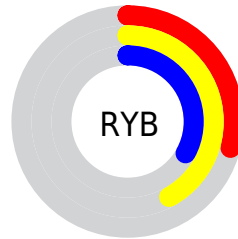
Distribution



Red (38%)

Green (42%)

Blue (29%)



Red (29%)

Yellow (42%)

Blue (33%)

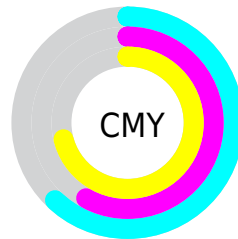


Cyan (9%)

Magenta (0%)

Yellow (32%)

Black (58%)



Cyan (62%)

Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616B49 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 616B49 by changing the saturation by 10% instead.



616B49



616B49

FFFFFF



495332



949E7A



323C1D



AFB994



1D2605



CAD5AE



001200



E7F1CA



000000



FFFFE6



616B49



616B49



5E6B3E



646B54



5B6B34



676B5E

■ 586B29

■ 6A6B69

■ 546B1E

■ 6E6B74

■ 516B13

■ 716B7F

■ 4E6B09

■ 746B89

■ 4C6B00

■ 776B94

■ 7A6B9F

■ 7D6BA9

Harmonies

Analogous

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



736645



616B49



4D6F55

Triad

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



616B49



3A6D84



875A68

Complementary

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



616B49



53496B

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.



7D5D78



616B49



516989

Square

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



616B49



317077



696384



895C57

Rectangle

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



616B49



407060



696384



855B6D

Sweetspot

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



616B49



888C7E



6B5349



45473F



C7C7C7



474747

Same Dimension

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



616B49



7D8C57



506B49



343630



537500



ADF500

Inverse Universe

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



53496B



67578C



64496B



323036



230075



4800F5

Previews

White Background



This preview shows how the Hex color 616B49 looks on a white background.

Color Contrast Check

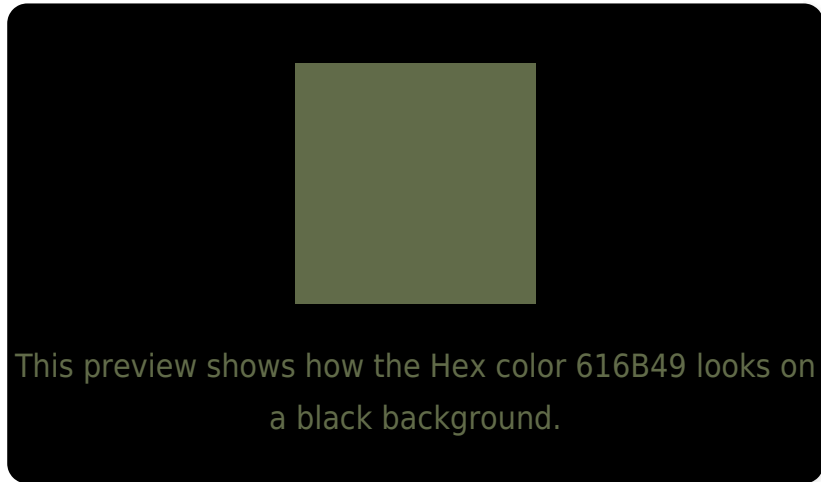
Large Text (above 18pt) WCAG AA ✓ Pass

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

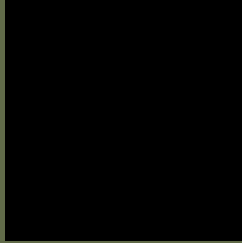
Any Text WCAG AA × Fail

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 616B49 Background



This preview shows how black text looks on a background with the Hex color 616B49.



This preview shows how white text looks on a background with the Hex color 616B49.

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
616B49

Protanopia
6F6747

Deuteranopia
7A624B



Tritanopia
6666E

Trichromacy



Original Color
616B49

Protanomaly
6A6848

Deuteranomaly
71654A

Tritanomaly
646861

Monochromacy



Original Color
616B49

Achromatopsia
646464

Achromatomaly
63675A

CSS Examples

Text

The CSS property to change the color of the text to Hex 616B49 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 #616B49 looks like.

```
.text, #text, p{  
    color:#616B49  
}
```

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 #616B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616B49
}
```

Border

The CSS property to change the border of an element to Hex 616B49 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
#616B49 }
```

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

```
.border{ border-color:#616B49 }
```

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

Here you see how a box with a 4 pixel #616B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616B49; -webkit-box-shadow:4px 4px  
4px 4px #616B49; box-shadow:4px 4px 4px  
4px #616B49 }
```

Background

The CSS property to change the background color of an element to Hex 616B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616B49 }
```

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

```
.background{ background-color:#616B49 }
```

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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