

# Converting Colors

Hex(616A47)

Have a look what the booklet for  
Hex(616A47) contains.

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**Color**

**Hex(616A47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	616A47
RGB	97, 106, 71
RGB Percent	38%, 42%, 28%
CMY	0.6196, 0.5843, 0.7216
CMYK	0.08, 0.00, 0.33, 0.58
HSL	75°, 20%, 35%
HSV	75°, 33%, 42%
XYZ	11.2211, 13.3044, 7.9378
YIQ	99.3190, 5.8710, -12.7930

# Conversions

## Conversions Part 2

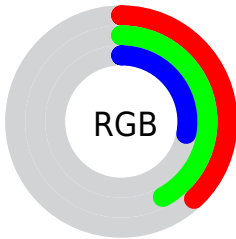
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 106, 80
Decimal	6384199
CIE Lab	43.22, -9.97, 18.55
CIE LCh	43, 21.059, 118.249
Yxy	13.3044, 0.3457, 0.4098
Android (android.graphics.Color)	4284574279 (0xFF616A47)
YUV	99.3190, -13.9613, -2.0338
Hunter-Lab	36.4752, -8.9183, 12.6298

# Details

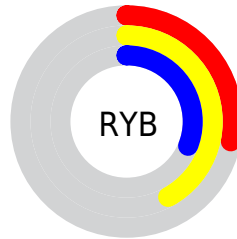
The Hex color **616A47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50476A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **949D78**, and **323B1B** is the 20% darker color. If you saturate the color by 10%, you get **5E6A3C**, and if you desaturate by 10%, it is **646A52**.

# Distribution



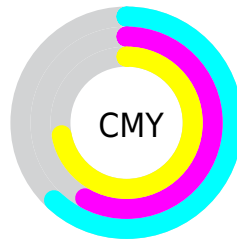
- Red (38%)
- Green (42%)
- Blue (28%)



- Red (28%)
- Yellow (42%)
- Blue (31%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 616A47 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 616A47 by changing the saturation by 10% instead.





616A47



616A47

FFFFFF



495230



949D78



323B1B



AFB892



1D2502



CAD4AC



001100



E7F0C8



000000



FFFFE4



616A47



616A47



5E6A3C



646A52



5C6A32



666A5C

■ 596A27

■ 696A67

■ 566A1D

■ 6C6A71

■ 536A12

■ 6F6A7C

■ 516A07

■ 716A87

■ 4F6A00

■ 746A91

■ 776A9C

■ 7A6AA6

# Harmonies

## Analogous

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



736543



616A47



4D6E53

# Triad

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



616A47



366D83



875968

# Complementary

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



616A47



50476A

# 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.



7B5C79



616A47



4E6889

# Square

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



616A47



2D6F76



676285



895A56

# Rectangle

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



616A47



3F6F5E



676285



845A6E



# Sweetspot

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



616A47



868A7C



6A5047



43453D



C4C4C4



454545



# Same Dimension

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



616A47



7C8A53



506A47



343630



577500



B6F500



# Inverse Universe

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



50476A



61538A



61476A



323036



1E0075



3F00F5



# Previews

## White Background



This preview shows how the Hex color 616A47 looks on a white background.

## Color Contrast Check

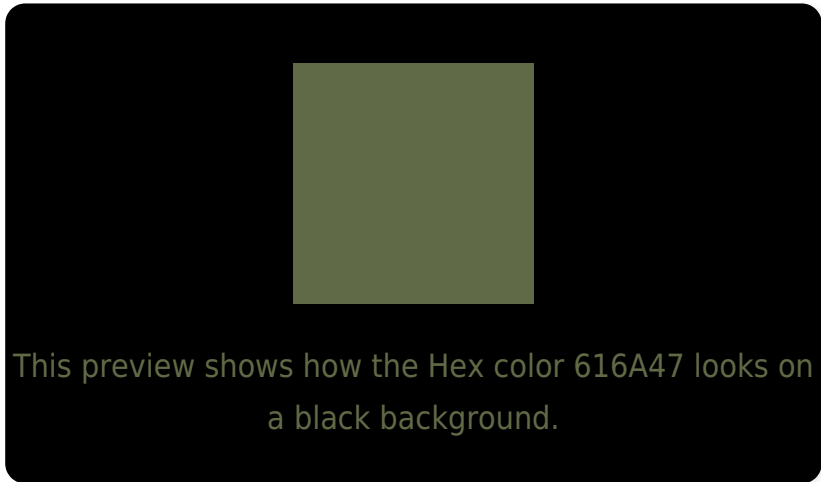
Large Text (above 18pt) WCAG AA ✓ Pass

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

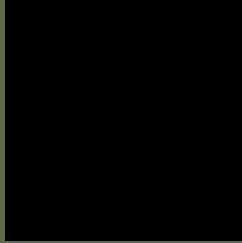
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 616A47 Background



This preview shows how black text looks on a background with the Hex color 616A47.



This preview shows how white text looks on a background with the Hex color 616A47.

# 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**  
616A47

**Protanopia**  
6E6645

**Deuteranopia**  
796249



**Tritanopia**  
66656D

# Trichromacy



**Original Color**  
616A47

**Protanomaly**  
696746

**Deuteranomaly**  
706548

**Tritanomaly**  
64675F

# Monochromacy



**Original Color**  
616A47

**Achromatopsia**  
636363

**Achromatomaly**  
626659

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 616A47 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 #616A47 looks like.

```
.text, #text, p{  
    color:#616A47  
}
```

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 #616A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616A47
}
```

## Border

The CSS property to change the border of an element to Hex 616A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

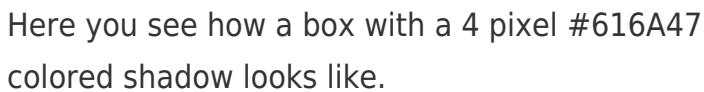
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616A47 }
```

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

```
.border{ border-color:#616A47 }
```

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



Here you see how a box with a 4 pixel #616A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616A47; -webkit-box-shadow:4px 4px  
4px 4px #616A47; box-shadow:4px 4px 4px  
4px #616A47 }
```

# Background

The CSS property to change the background color of an element to Hex 616A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616A47 }
```

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

```
.background{ background-color:#616A47 }
```

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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