

Converting Colors

Hex(616246)

Have a look what the booklet for
Hex(616246) contains.

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Color

Hex(616246)

Conversions

Conversions Part 1

Format	Color
Hex	616246
RGB	97, 98, 70
RGB Percent	38%, 38%, 27%
CMY	0.6196, 0.6157, 0.7255
CMYK	0.01, 0.00, 0.29, 0.62
HSL	62°, 17%, 33%
HSV	62°, 29%, 38%
XYZ	10.4029, 11.7189, 7.5080
YIQ	94.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

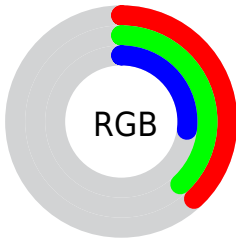
Format	Color
R_{YB}	70, 98, 71
Decimal	6382150
CIE _{Lab}	40.77, -5.51, 15.86
CIE _{LCh}	41, 16.788, 109.157
Yxy	11.7189, 0.3511, 0.3955
Android (android.graphics.Color)	4284572230 (0xFF616246)
YUV	94.5090, -12.0829, 2.1846
Hunter-Lab	34.2329, -5.6639, 10.9595

Details

The Hex color **616246** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **474662**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **949577**, and **32341A** is the 20% darker color. If you saturate the color by 10%, you get **61623C**, and if you desaturate by 10%, it is **616250**.

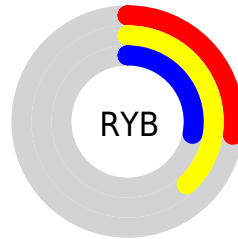
Distribution



Red (38%)

Green (38%)

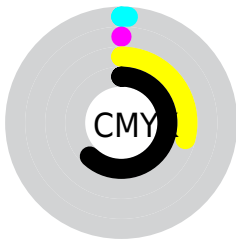
Blue (27%)



Red (27%)

Yellow (38%)

Blue (28%)

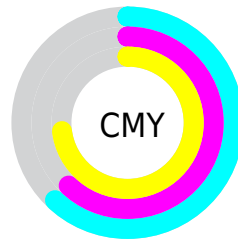


Cyan (1%)

Magenta (0%)

Yellow (29%)

Black (62%)



Cyan (62%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616246 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 616246 by changing the saturation by 10% instead.



616246



616246

FFFFFF



494A2F



949577



32341A



AFAF90



1E1F00



CACBAB



000500



E6E7C6



000000



FFFFE2



616246



616246



61623C



616250



606232



62625A

■ 606229

■ 626263

■ 60621F

■ 62626D

■ 5F6215

■ 636277

■ 5F620B

■ 636281

■ 5F6201

■ 63628B

■ 5E6200

■ 646294

■ 64629E

Harmonies

Analogous

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



6F5E45



616246



51664E

Triad

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



616246



3A6674



785766

Complementary

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



616246



474662

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.



6D5A72



616246



48637B

Square

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



616246



386869



5C5E7A



7C5658

Rectangle

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



616246



476756



5C5E7A



75576A

Sweetspot

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



616246



7F8074



624746



3F4039



BFBFBF



404040

Same Dimension

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



616246



7E8054



536246



30302C



6C7000



E7F000

Inverse Universe

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



474662



565480



554662



2C2C30



040070



0900F0

Previews

White Background



This preview shows how the Hex color 616246 looks on a white background.

Color Contrast Check

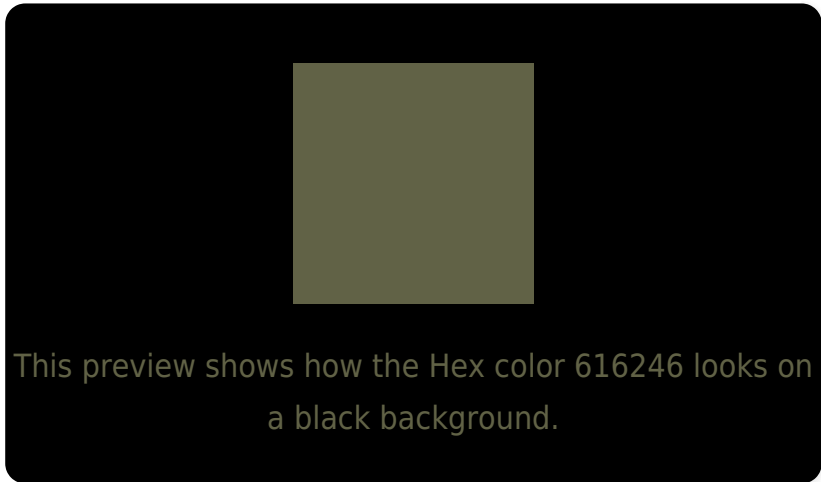
Large Text (above 18pt) WCAG AA ✓ Pass

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

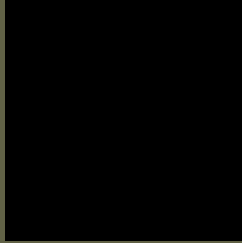
Any Text WCAG AA × Fail

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 616246 Background



This preview shows how black text looks on a background with the Hex color 616246.



This preview shows how white text looks on a background with the Hex color 616246.

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
616246

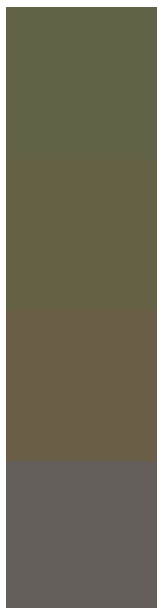
Protanopia
676045

Deuteranopia
715C47



Tritanopia
655E65

Trichromacy



Original Color

616246

Protanomaly

656145

Deuteranomaly

6B5E47

Tritanomaly

645F5A

Monochromacy



Original Color

616246

Achromatopsia

5F5F5F

Achromatomaly

606056

CSS Examples

Text

The CSS property to change the color of the text to Hex 616246 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 #616246 looks like.

```
.text, #text, p{  
    color:#616246  
}
```

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 #616246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616246
}
```

Border

The CSS property to change the border of an element to Hex 616246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

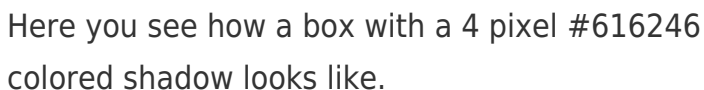
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616246 }
```

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

```
.border{ border-color:#616246 }
```

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



Here you see how a box with a 4 pixel #616246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616246; -webkit-box-shadow:4px 4px  
4px 4px #616246; box-shadow:4px 4px 4px  
4px #616246 }
```

Background

The CSS property to change the background color of an element to Hex 616246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616246 }
```

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

```
.background{ background-color:#616246 }
```

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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