

Converting Colors

Hex(616648)

Have a look what the booklet for
Hex(616648) contains.

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Color

Hex(616648)

Conversions

Conversions Part 1

Format	Color
Hex	616648
RGB	97, 102, 72
RGB Percent	38%, 40%, 28%
CMY	0.6196, 0.6000, 0.7176
CMYK	0.05, 0.00, 0.29, 0.60
HSL	70°, 17%, 34%
HSV	70°, 29%, 40%
XYZ	10.8508, 12.5120, 7.9741
YIQ	97.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

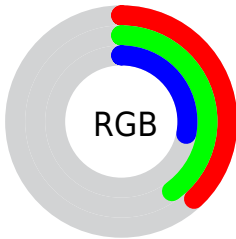
Format	Color
RYB	72, 102, 77
Decimal	6383176
CIELab	42.02, -7.52, 16.36
CIELCh	42, 18.003, 114.704
Yxy	12.5120, 0.3463, 0.3993
Android (android.graphics.Color)	4284573256 (0xFF616648)
YUV	97.0850, -12.3669, -0.0745
Hunter-Lab	35.3723, -7.1448, 11.3948

Details

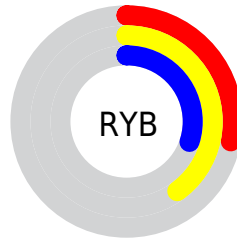
The Hex color **616648** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D4866**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **949979**, and **32371C** is the 20% darker color. If you saturate the color by 10%, you get **5F663E**, and if you desaturate by 10%, it is **636652**.

Distribution



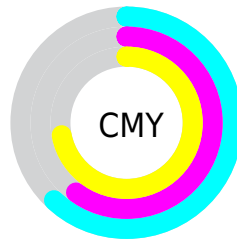
- Red (38%)
- Green (40%)
- Blue (28%)



- Red (28%)
- Yellow (40%)
- Blue (30%)



- Cyan (5%)
- Magenta (0%)
- Yellow (29%)
- Black (60%)




- Cyan (62%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616648 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 616648 by changing the saturation by 10% instead.

 616648

 616648

FFFFFF

 494E31

 949979

 32371C

 AFB493

 1D2203


 CACFAD

 000D00

 E6EBC9

 000000

 FFFF E5

 616648

 616648

 5F663E

 636652

 5E6634

 64665C

■ 5C6629

■ 666667

■ 5A661F

■ 686671

■ 586615

■ 6A667B

■ 57660B

■ 6B6685

■ 556601

■ 6D668F

■ 556600

■ 6F669A

■ 7066A4

Harmonies

Analogous

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



706146



616648



506952

Triad

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



616648



3B697B



7F5966

Complementary

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



616648



4D4866

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.



745B74



616648



4D6580

Square

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



616648



376B6F



62607E



815957

Rectangle

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



616648



456B5B



62607E



7C596B

Sweetspot

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



616648



838579



664D48



41423B



C2C2C2



424242

Same Dimension

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



616648



7D8556



526648



32332E



607300



CAF200

Inverse Universe

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



4D4866



5E5685



5C4866



2F2E33



130073



2800F2

Previews

White Background



This preview shows how the Hex color 616648 looks on a white background.

Color Contrast Check

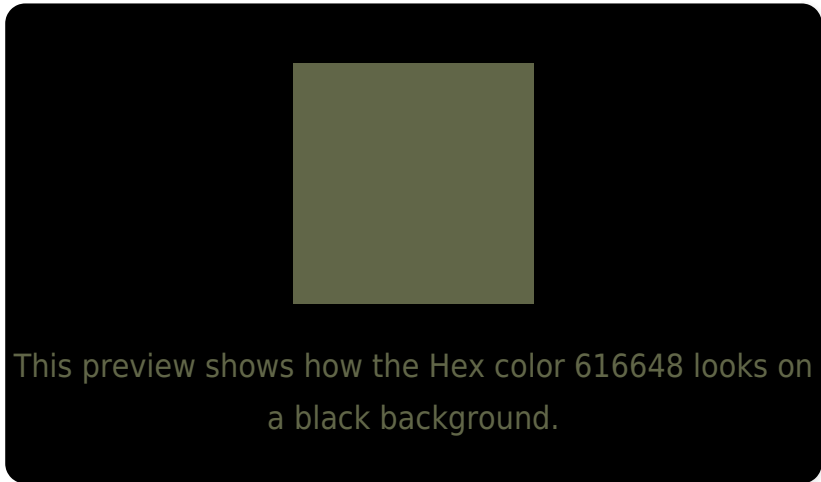
Large Text (above 18pt) WCAG AA ✓ Pass

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

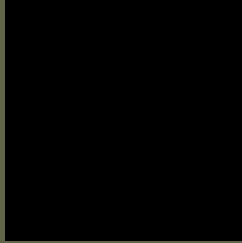
Any Text WCAG AA × Fail

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 616648 Background



This preview shows how black text looks on a background with the Hex color 616648.



This preview shows how white text looks on a background with the Hex color 616648.

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
616648

Protanopia
6B6347

Deuteranopia
755F49



Tritanopia
656269

Trichromacy



Original Color
616648

Protanomaly
676447

Deuteranomaly
6E6249

Tritanomaly
64635D

Monochromacy



Original Color
616648

Achromatopsia
616161

Achromatomaly
616358

CSS Examples

Text

The CSS property to change the color of the text to Hex 616648 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 #616648 looks like.

```
.text, #text, p{  
    color:#616648  
}
```

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 #616648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616648  
}
```

Border

The CSS property to change the border of an element to Hex 616648 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  
#616648 }
```

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

```
.border{ border-color:#616648 }
```

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

Here you see how a box with a 4 pixel #616648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616648; -webkit-box-shadow:4px 4px  
4px 4px #616648; box-shadow:4px 4px 4px  
4px #616648 }
```

Background

The CSS property to change the background color of an element to Hex 616648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616648 }
```

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

```
.background{ background-color:#616648 }
```

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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