

Converting Colors

Hex(616045)

Have a look what the booklet for
Hex(616045) contains.

Hex(616045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(616045)

Conversions

Conversions Part 1

Format	Color
Hex	616045
RGB	97, 96, 69
RGB Percent	38%, 38%, 27%
CMY	0.6196, 0.6235, 0.7294
CMYK	0.00, 0.01, 0.29, 0.62
HSL	58°, 17%, 33%
HSV	58°, 29%, 38%
XYZ	10.1868, 11.3368, 7.2815
YIQ	93.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

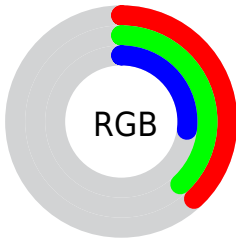
Format	Color
R_{YB}	70, 97, 69
Decimal	6381637
CIE _{Lab}	40.14, -4.49, 15.62
CIE _{LCh}	40, 16.248, 106.034
Yxy	11.3368, 0.3536, 0.3936
Android (android.graphics.Color)	4284571717 (0xFF616045)
YUV	93.2210, -11.9410, 3.3142
Hunter-Lab	33.6702, -4.9181, 10.7470

Details

The Hex color **616045** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **454661**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **949275**, and **323219** is the 20% darker color. If you saturate the color by 10%, you get **61603B**, and if you desaturate by 10%, it is **61604F**.

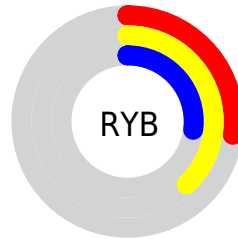
Distribution



Red (38%)

Green (38%)

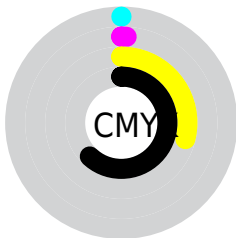
Blue (27%)



Red (27%)

Yellow (38%)

Blue (27%)

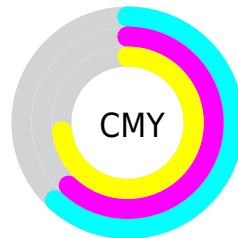


Cyan (0%)

Magenta (1%)

Yellow (29%)

Black (62%)



Cyan (62%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616045 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 616045 by changing the saturation by 10% instead.



616045



616045

FFFFFF



49482F



949275



323219



AFAD8F



1E1D00



CAC8AA



000100



E6E4C5



000000



FFFFE1

FFFFFFE



616045



616045



61603B



61604F

■ 615F32

■ 616158

■ 615F28

■ 616162

■ 615F1E

■ 61616C

■ 615E14

■ 616275

■ 615E0B

■ 61627F

■ 615E01

■ 616289

■ 615E00

■ 616393

■ 61639C

Harmonies

Analogous

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



6E5C45



616045



52644C

Triad

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



616045



3A6571



755665

Complementary

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



616045



454661

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.



695971



616045



466278

Square

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



616045



396665



585D78



7A5558

Rectangle

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



616045



486553



585D78



72566A

Sweetspot

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



616045



7D7D72



614546



403F39



BFBFBF



404040

Same Dimension

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



616045



7D7B51



546145



30302C



706C00



F0E700

Inverse Universe

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



454661



51537D



524561



2C2C30



000470



0009F0

Previews

White Background



This preview shows how the Hex color 616045 looks on a white background.

Color Contrast Check

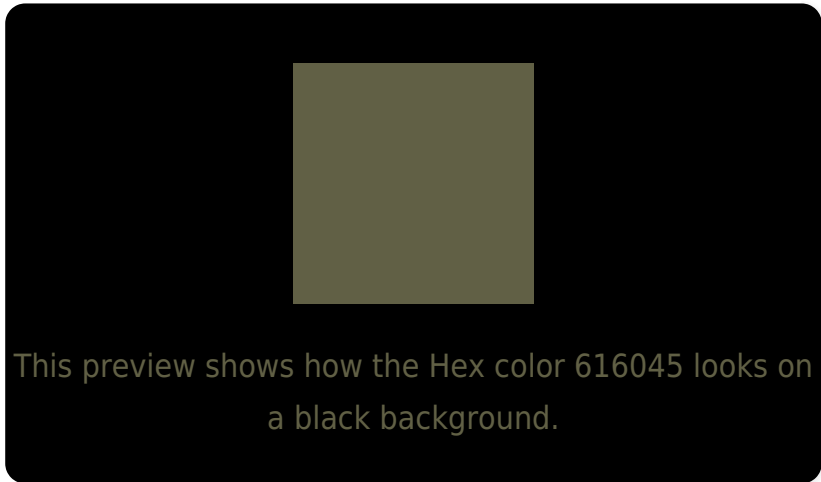
Large Text (above 18pt) WCAG AA ✓ Pass

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

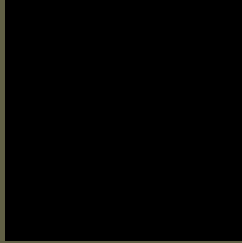
Any Text WCAG AA × Fail

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 616045 Background



This preview shows how black text looks on a background with the Hex color 616045.



This preview shows how white text looks on a background with the Hex color 616045.

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](#).

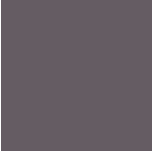
Dichromacy



Original Color
616045

Protanopia
665E44

Deuteranopia
705B46



Tritanopia
655C63

Trichromacy



Original Color
616045

Protanomaly
645F44

Deuteranomaly
6B5D46

Tritanomaly
645D58

Monochromacy



Original Color
616045

Achromatopsia
5D5D5D

Achromatomaly
5E5E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 616045 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 #616045 looks like.

```
.text, #text, p{  
    color:#616045  
}
```

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 #616045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616045 }  
}
```

Border

The CSS property to change the border of an element to Hex 616045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

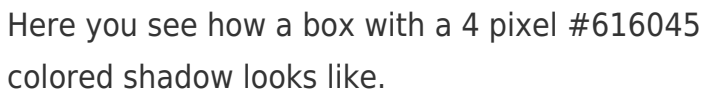
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #616045 }  
}
```

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

```
.border{ border-color:#616045 }
```

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



Here you see how a box with a 4 pixel #616045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616045; -webkit-box-shadow:4px 4px  
4px 4px #616045; box-shadow:4px 4px 4px  
4px #616045 }
```

Background

The CSS property to change the background color of an element to Hex 616045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616045 }
```

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

```
.background{ background-color:#616045 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor