

# Converting Colors

Hex(616304)

Have a look what the booklet for  
Hex(616304) contains.

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**Color**

**Hex(616304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	616304
RGB	97, 99, 4
RGB Percent	38%, 39%, 2%
CMY	0.6196, 0.6118, 0.9843
CMYK	0.02, 0.00, 0.96, 0.61
HSL	61°, 92%, 20%
HSV	61°, 96%, 39%
XYZ	9.4135, 11.4738, 1.8334
YIQ	87.5720, 29.3030, -29.9690

# Conversions

## Conversions Part 2

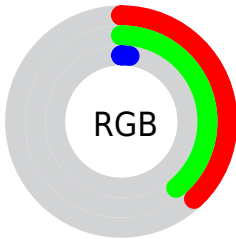
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 99, 6
Decimal	6382340
CIE <sub>Lab</sub>	40.37, -11.63, 45.92
CIE <sub>LCh</sub>	40, 47.372, 104.209
Yxy	11.4738, 0.4143, 0.5050
Android (android.graphics.Color)	4284572420 (0xFF616304)
YUV	87.5720, -41.2010, 8.2684
Hunter-Lab	33.8730, -9.6716, 20.5020

# Details

The Hex color **616304** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **060463**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **97963D**, and **2F3500** is the 20% darker color. If you saturate the color by 10%, you get **616300**, and if you desaturate by 10%, it is **61630E**.

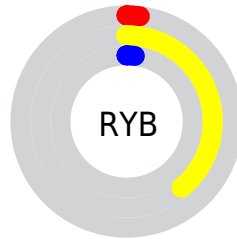
# Distribution



Red (38%)

Green (39%)

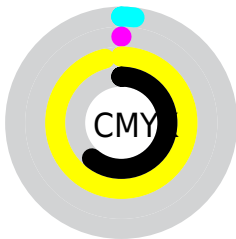
Blue (2%)



Red (2%)

Yellow (39%)

Blue (2%)

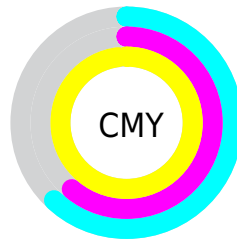


Cyan (2%)

Magenta (0%)

Yellow (96%)

Black (61%)



Cyan (62%)

Magenta (61%)


Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 616304 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 616304 by changing the saturation by 10% instead.



 616304

 616304

 FFFFFA

 484B00

 97963D

 2F3500

 B2B056

 162000

 CFCB70

 000300


 ECE88A

 000000

 FFFFA5

 FFFFC1

 FFFFDD

 616304

 616304

■ 616300

■ 61630E

■ 616318

■ 626322

■ 62632C

■ 626336

■ 62633F

■ 626349

■ 636353

■ 63635D

# Harmonies

## Analogous

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



83560B



616304



346C23

# Triad

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



616304



006F94



9A3C75

# Complementary

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



616304



060463

# 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.



784C97



616304



0069AA

# Square

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



616304



007171



325DAB



A5394E

# Rectangle

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



616304



006F3C



325DAB



924182



# Sweetspot

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



616304



7F805B



630604



3F4029



BFBFBF



404040



# Same Dimension

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



616304



7D8000



326304



30302C



6E7000



EBF000



# Inverse Universe

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



060463



030080



350463



2C2C30



020070

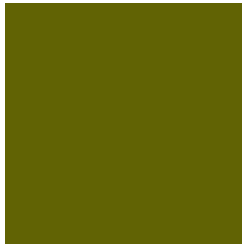


0500F0



# Previews

## White Background



This preview shows how the Hex color 616304 looks on a white background.

## Color Contrast Check

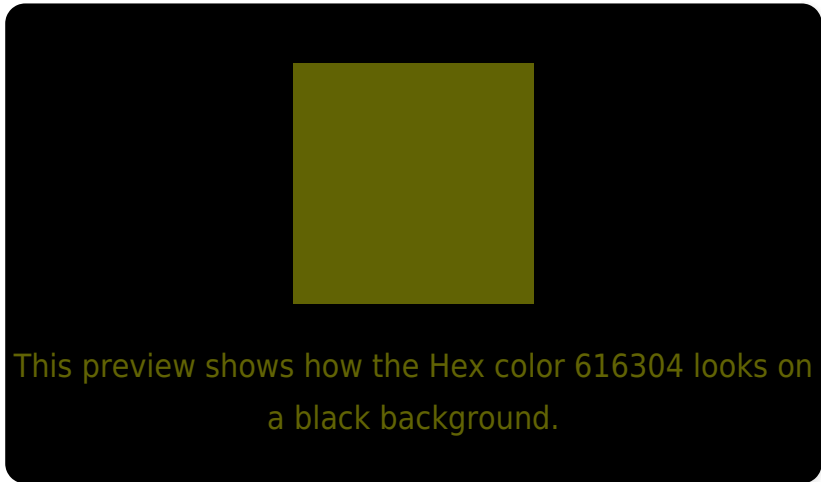
Large Text (above 18pt) WCAG AA ✓ Pass

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

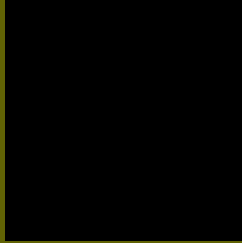
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 616304 Background



This preview shows how black text looks on a background with the Hex color 616304.



This preview shows how white text looks on a background with the Hex color 616304.

# 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](#).

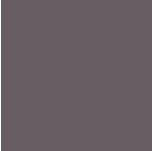
## Dichromacy



**Original Color**  
616304

**Protanopia**  
6B6000

**Deuteranopia**  
785A10



**Tritanopia**  
685C63

# Trichromacy



**Original Color**  
616304

**Protanomaly**  
676101

**Deuteranomaly**  
705D0C

**Tritanomaly**  
655F40

# Monochromacy



**Original Color**  
616304

**Achromatopsia**  
585858

**Achromatomaly**  
5B5C39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 616304 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 #616304 looks like.

```
.text, #text, p{  
    color:#616304  
}
```

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 #616304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616304
}
```

## Border

The CSS property to change the border of an element to Hex 616304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

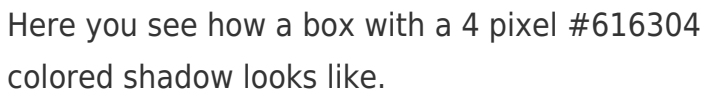
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616304 }
```

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

```
.border{ border-color:#616304 }
```

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



Here you see how a box with a 4 pixel #616304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616304; -webkit-box-shadow:4px 4px  
4px 4px #616304; box-shadow:4px 4px 4px  
4px #616304 }
```

# Background

The CSS property to change the background color of an element to Hex 616304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616304 }
```

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

```
.background{ background-color:#616304 }
```

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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