

# Converting Colors

Hex(636314)

Have a look what the booklet for  
Hex(636314) contains.

<b>Hex(636314)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(636314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636314
RGB	99, 99, 20
RGB Percent	39%, 39%, 8%
CMY	0.6118, 0.6118, 0.9216
CMYK	0.00, 0.00, 0.80, 0.61
HSL	60°, 66%, 23%
HSV	60°, 80%, 39%
XYZ	9.7337, 11.6268, 2.3930
YIQ	89.9940, 25.3590, -24.5690

# Conversions

## Conversions Part 2

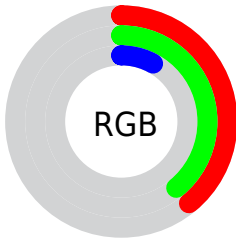
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 99, 20
Decimal	6513428
CIE <sub>Lab</sub>	40.62, -10.11, 41.59
CIE <sub>LCh</sub>	41, 42.804, 103.661
Yxy	11.6268, 0.4098, 0.4895
Android (android.graphics.Color)	4284703508 (0xFF636314)
YUV	89.9940, -34.5070, 7.8983
Hunter-Lab	34.0981, -8.7169, 19.7077

# Details

The Hex color **636314** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **141463**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **989646**, and **313500** is the 20% darker color. If you saturate the color by 10%, you get **63630A**, and if you desaturate by 10%, it is **63631E**.

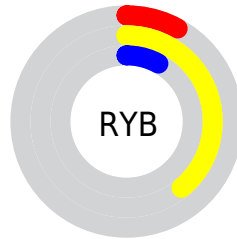
# Distribution



Red (39%)

Green (39%)

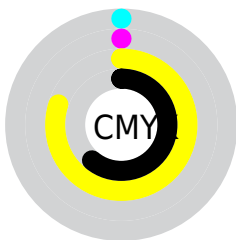
Blue (8%)



Red (8%)

Yellow (39%)

Blue (8%)

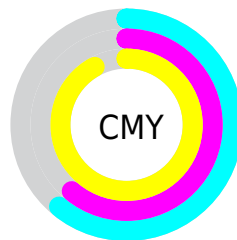


Cyan (0%)

Magenta (0%)

Yellow (80%)

Black (61%)



Cyan (61%)

Magenta (61%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636314 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 636314 by changing the saturation by 10% instead.



636314

636314

FFFFFF

4A4B00

989646

313500

B4B05F

192000

D0CC79

000400

EDE894

000000

FFFFAF

FFFPCA

FFFFE7

636314

636314

■ 63630A

■ 63631E

■ 636300

■ 636328

■ 636332

■ 63633C

■ 636346

■ 63634F

■ 636359

■ 636363

■ 63636D

# Harmonies

## Analogous

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



825718



636314



3B6B2A

# Triad

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



636314



006F8F



964274

# Complementary

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



636314



141463

# 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.



765093



636314



0069A3

# Square

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



636314



00716F



3A5EA4



A03F51

# Rectangle

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



636314



096E3F



3A5EA4



8E467F



# Sweetspot

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



636314



808061



631414



40402D



BFBFBF



404040



# Same Dimension

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



636314



808005



3C6314



30302C



707000



F0F000



# Inverse Universe

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



141463



050580



3C1463



2C2C30



000070



0000F0



# Previews

## White Background



This preview shows how the Hex color 636314 looks on a white background.

## Color Contrast Check

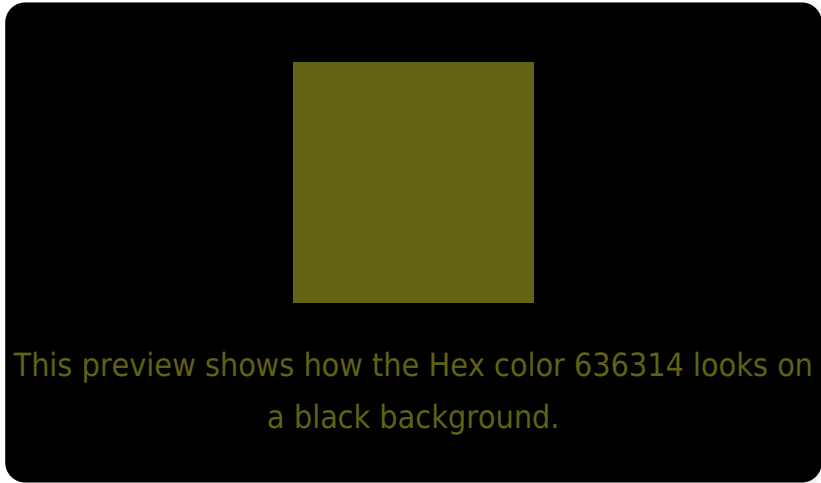
Large Text (above 18pt) WCAG AA ✓ Pass

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 636314 Background



This preview shows how black text looks on a background with the Hex color 636314.



This preview shows how white text looks on a background with the Hex color 636314.

# 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**  
636314

**Protanopia**  
6C6013

**Deuteranopia**  
785B18



**Tritanopia**  
695C63

# Trichromacy



**Original Color**  
636314

**Protanomaly**  
696113

**Deuteranomaly**  
705E17

**Tritanomaly**  
675F46

# Monochromacy



**Original Color**  
636314

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5D5D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636314 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 #636314 looks like.

```
.text, #text, p{  
    color:#636314  
}
```

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 #636314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636314
}
```

## Border

The CSS property to change the border of an element to Hex 636314 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
#636314 }
```

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

```
.border{ border-color:#636314 }
```

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

Here you see how a box with a 4 pixel #636314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636314; -webkit-box-shadow:4px 4px  
4px 4px #636314; box-shadow:4px 4px 4px  
4px #636314 }
```

# Background

The CSS property to change the background color of an element to Hex 636314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636314 }
```

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

```
.background{ background-color:#636314 }
```

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