

# Converting Colors

Hex(363116)

Have a look what the booklet for  
Hex(363116) contains.

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# Color

**Hex(363116)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	363116
RGB	54, 49, 22
RGB Percent	21%, 19%, 9%
CMY	0.7882, 0.8078, 0.9137
CMYK	0.00, 0.09, 0.59, 0.79
HSL	51°, 42%, 15%
HSV	51°, 59%, 21%
XYZ	2.7645, 3.0388, 1.1999
YIQ	47.4170, 11.6470, -7.3370

# Conversions

## Conversions Part 2

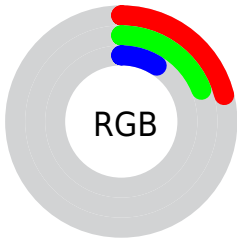
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 54, 22
Decimal	3551510
CIELab	20.20, -2.26, 17.90
CIELCh	20, 18.047, 97.203
Yxy	3.0388, 0.3947, 0.4339
Android (android.graphics.Color)	4281741590 (0xFF363116)
YUV	47.4170, -12.5306, 5.7733
Hunter-Lab	17.4322, -2.1993, 8.1215

# Details

The Hex color **363116** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **161B36**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **665F41**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **363011**, and if you desaturate by 10%, it is **36321B**.

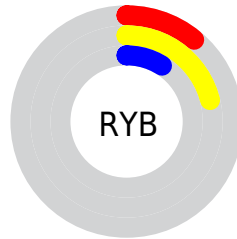
# Distribution



Red (21%)

Green (19%)

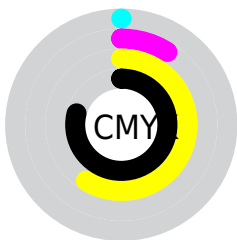
Blue (9%)



Red (11%)

Yellow (21%)

Blue (9%)

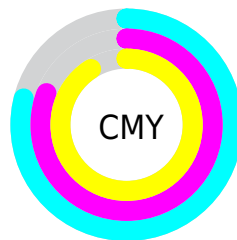


Cyan (0%)

Magenta (9%)

Yellow (59%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 363116 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 363116 by changing the saturation by 10% instead.



 363116

 363116

 FFFFF9

 221C00

 665F41

 000100

 7F7859

 000000

 999172

 B4AC8B

 D0C7A6

 EDE3C1

 FFFFDD

 363116

 363116

■ 363011

■ 36321B

■ 362F0B

■ 363321

■ 362E06

■ 363426

■ 362E00

■ 36342C

■ 363531

■ 363636

■ 36373C

■ 363841

■ 363947

# Harmonies

## Analogous

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



412C19



363116



28351B

# Triad

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



363116



003740



44283B

# Complementary

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



363116



161B36

# 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.



362C46



363116



043549

# Square

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



363116



003834



22314B



4A262E

# Rectangle

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



363116



1D3622



22314B



40293F



# Sweetspot

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



363116



47453B



36161B



24221C



A3A3A3



242424



# Same Dimension

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



363116



473F15



2B3616



1C1C19



5C4D00



DBB900



# Inverse Universe

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



161B36



151D47



211636



191A1C



000E5C

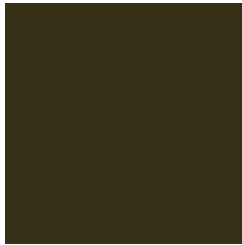


0022DB



# Previews

## White Background



This preview shows how the Hex color 363116 looks on a white background.

## Color Contrast Check

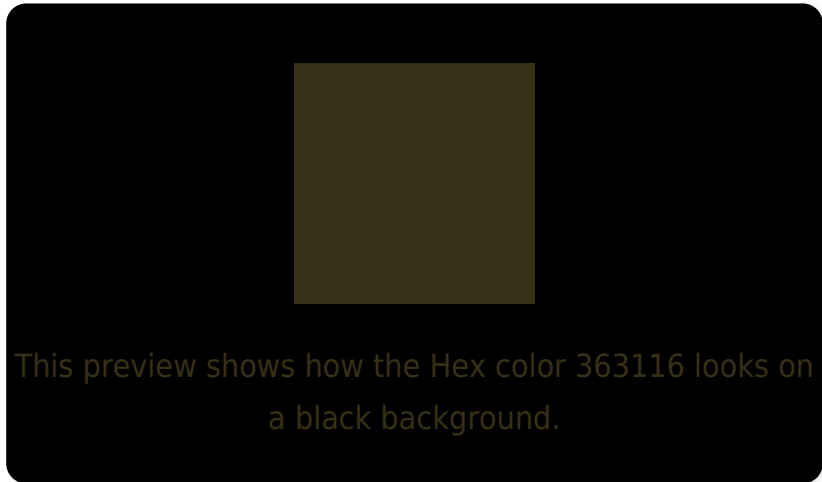
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

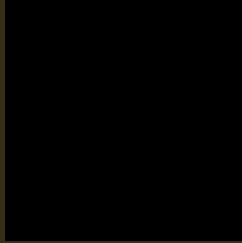
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

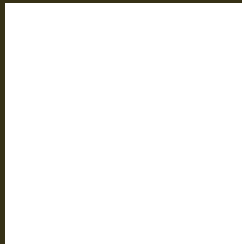
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 363116 Background



This preview shows how black text looks on a background with the Hex color 363116.

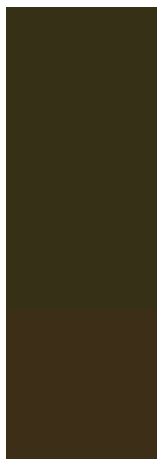


This preview shows how white text looks on a background with the Hex color 363116.

# 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**  
363116

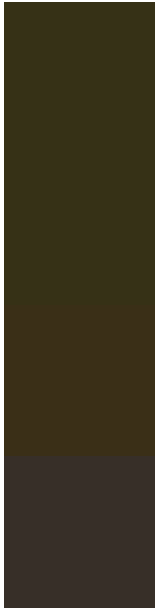
**Protanopia**  
363116

**Deuteranopia**  
3C2E17



**Tritanopia**  
382E32

# Trichromacy



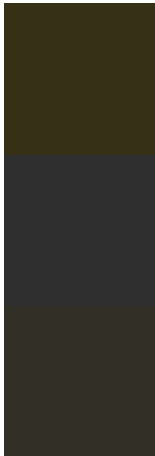
**Original Color**  
363116

**Protanomaly**  
363116

**Deuteranomaly**  
3A2F17

**Tritanomaly**  
372F28

# Monochromacy



**Original Color**  
363116

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
323026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 363116 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 #363116 looks like.

```
.text, #text, p{  
    color:#363116  
}
```

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 #363116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363116
}
```

## Border

The CSS property to change the border of an element to Hex 363116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

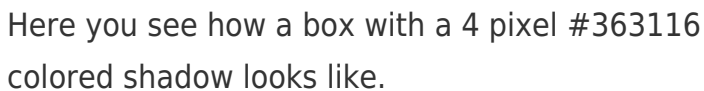
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#363116 }
```

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

```
.border{ border-color:#363116 }
```

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



Here you see how a box with a 4 pixel #363116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363116; -webkit-box-shadow:4px 4px  
4px 4px #363116; box-shadow:4px 4px 4px  
4px #363116 }
```

# Background

The CSS property to change the background color of an element to Hex 363116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363116 }
```

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

```
.background{ background-color:#363116 }
```

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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