

# Converting Colors

Hex(363D0D)

Have a look what the booklet for  
Hex(363D0D) contains.

<b>Hex(363D0D)</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(363D0D)

# Conversions

## Conversions Part 1

Format	Color
Hex	363D0D
RGB	54, 61, 13
RGB Percent	21%, 24%, 5%
CMY	0.7882, 0.7608, 0.9490
CMYK	0.11, 0.00, 0.79, 0.76
HSL	69°, 65%, 15%
HSV	69°, 79%, 24%
XYZ	3.2627, 4.1508, 1.0100
YIQ	53.4350, 11.2360, -16.4120

# Conversions

## Conversions Part 2

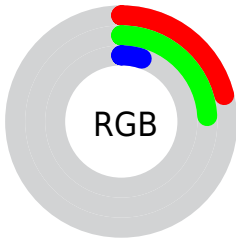
Format	Color
<a href="#">RYB</a>	<a href="#">13, 61, 20</a>
Decimal	<a href="#">3554573</a>
CIELab	<a href="#">24.16, -10.62, 27.23</a>
CIELCh	<a href="#">24, 29.224, 111.312</a>
Yxy	<a href="#">4.1508, 0.3873, 0.4928</a>
Android (android.graphics.Color)	<a href="#">4281744653 (0xFF363D0D)</a>
YUV	<a href="#">53.4350, -19.9345, 0.4955</a>
Hunter-Lab	<a href="#">20.3735, -7.0679, 11.3223</a>

# Details

The Hex color **363D0D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **140D3D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **666C3A**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **353D07**, and if you desaturate by 10%, it is **373D13**.

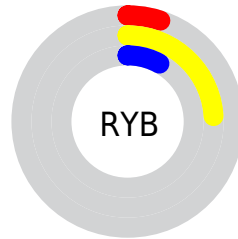
# Distribution



Red (21%)

Green (24%)

Blue (5%)



Red (5%)

Yellow (24%)

Blue (8%)

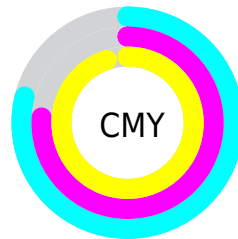


Cyan (11%)

Magenta (0%)

Yellow (79%)

Black (76%)



Cyan (79%)

Magenta (76%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 363D0D 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 363D0D by changing the saturation by 10% instead.



 363D0D

 363D0D

 FFFFF2

 212700

 666C3A

 001400

 808652

 000000

 9BA06A

 B6BB84

 D2D69E

 EEF3B9

 FFFF5D

 363D0D

 363D0D

■ 353D07

■ 373D13

■ 343D01

■ 383D19

■ 343D00

■ 393D1F

■ 3A3D25

■ 3A3D2C

■ 3B3D32

■ 3C3D38

■ 3D3D3E

■ 3E3D44

# Harmonies

## Analogous

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



4B360B



363D0D



1B411D

# Triad

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



363D0D



00425B



5E2641

# Complementary

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



363D0D



140D3D

# 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.



4E2D55



363D0D



003E65

# Square

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



363D0D



004449



2F3662



61262B

# Rectangle

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



363D0D



00432B



2F3662



5A2848



# Sweetspot

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



363D0D



4C4F3C



3D130D



27291D



A8A8A8



292929



# Same Dimension

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



363D0D



444F05



1F3D0D



1E1F1C



515E00



BDDE00



# Inverse Universe

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



140D3D



10054F



2B0D3D



1C1C1F



0E005E

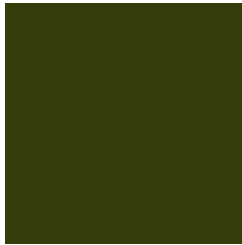


2000DE



# Previews

## White Background



This preview shows how the Hex color 363D0D 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 363D0D Background



This preview shows how black text looks on a background with the Hex color 363D0D.



This preview shows how white text looks on a background with the Hex color 363D0D.

# 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**  
363D0D

**Protanopia**  
413A0C

**Deuteranopia**  
483710



**Tritanopia**  
3A393D

# Trichromacy



**Original Color**  
363D0D

**Protanomaly**  
3D3B0C

**Deuteranomaly**  
41390F

**Tritanomaly**  
393A2C

# Monochromacy



**Original Color**  
363D0D

**Achromatopsia**  
353535

**Achromatomaly**  
353826

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 363D0D 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 #363D0D looks like.

```
.text, #text, p{  
    color:#363D0D  
}
```

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 #363D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363D0D
}
```

## Border

The CSS property to change the border of an element to Hex 363D0D 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".

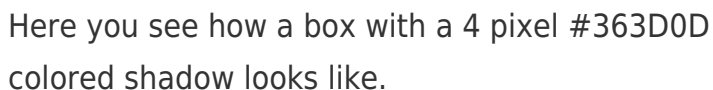
```
.border, #border, table{ border:4px solid
#363D0D }
```

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

```
.border{ border-color:#363D0D }
```

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

Here you see how a box with a 4 pixel #363D0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363D0D; -webkit-box-shadow:4px 4px  
4px 4px #363D0D; box-shadow:4px 4px 4px  
4px #363D0D }
```

# Background

The CSS property to change the background color of an element to Hex 363D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363D0D }
```

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

```
.background{ background-color:#363D0D }
```

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