

# Converting Colors

Hex(363305)

Have a look what the booklet for  
Hex(363305) contains.

<b>Hex(363305)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(363305)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	363305
RGB	54, 51, 5
RGB Percent	21%, 20%, 2%
CMY	0.7882, 0.8000, 0.9804
CMYK	0.00, 0.06, 0.91, 0.79
HSL	56°, 83%, 12%
HSV	56°, 91%, 21%
XYZ	2.7325, 3.1629, 0.6101
YIQ	46.6530, 16.5540, -13.6700

# Conversions

## Conversions Part 2

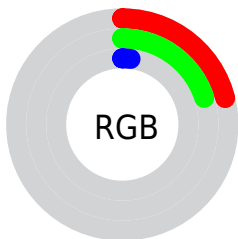
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">8, 54, 5</a>
Decimal	<a href="#">3552005</a>
CIELab	<a href="#">20.68, -4.95, 26.94</a>
CIELCh	<a href="#">21, 27.389, 100.416</a>
Yxy	<a href="#">3.1629, 0.4200, 0.4862</a>
Android (android.graphics.Color)	<a href="#">4281742085 (0xFF363305)</a>
YUV	<a href="#">46.6530, -20.5349, 6.4433</a>
Hunter-Lab	<a href="#">17.7845, -3.6968, 10.4153</a>

# Details

The Hex color **363305** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **050836**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **676133**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **363300**, and if you desaturate by 10%, it is **36330A**.

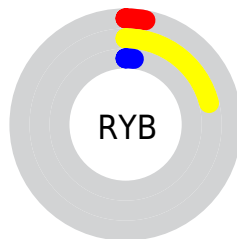
# Distribution



Red (21%)

Green (20%)

Blue (2%)



Red (3%)

Yellow (21%)

Blue (2%)

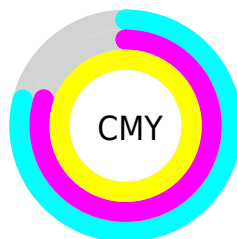


Cyan (0%)

Magenta (6%)

Yellow (91%)

Black (79%)



Cyan (79%)

Magenta (80%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 363305 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 363305 by changing the saturation by 10% instead.



 363305

 363305

 FFFFE9

 201E00

 676133

 000500

 807A4A

 000000

 9B9463

 B6AE7C

 D2C996

 EFE6B1

 FFFFCC

 363305

 363305

■ 363300

■ 36330A

■ 363410

■ 363415

■ 36341B

■ 363520

■ 363525

■ 36352B

■ 363630

■ 363636

# Harmonies

## Analogous

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



472C09



363305



203811

# Triad

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



363305



003B4B



4F2240

# Complementary

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



363305



050836

# 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.



3C2951



363305



003858

# Square

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



363305



003C38



173259



561F2C

# Rectangle

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



363305



093A1D



173259



4A2446



# Sweetspot

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



363305



474634



360508



242318



A3A3A3



242424



# Same Dimension

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



363305



474300



213605



1C1C19



5C5600



DBCE00



# Inverse Universe

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



050836



000447



1A0536



19191C



00065C

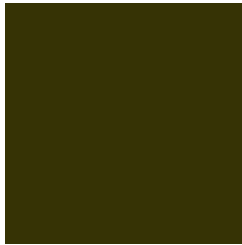


000DDB



# Previews

## White Background



This preview shows how the Hex color 363305 looks on a white background.

## Color Contrast Check

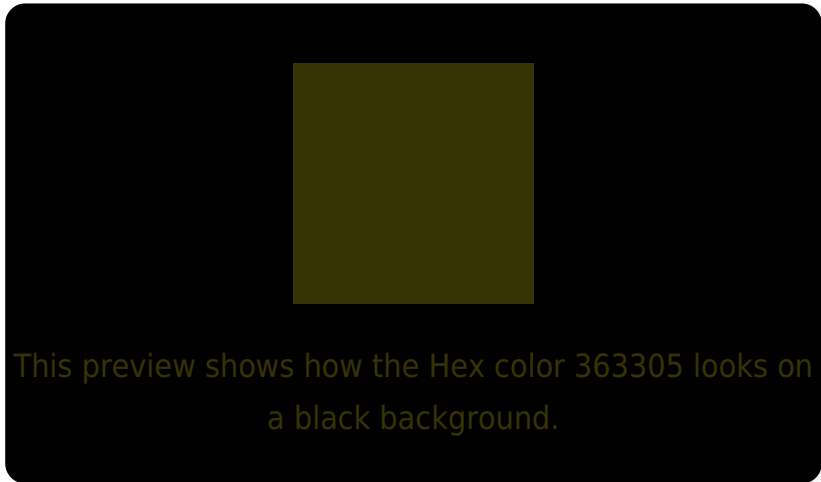
Large Text (above 18pt) WCAG AA ✓ Pass

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

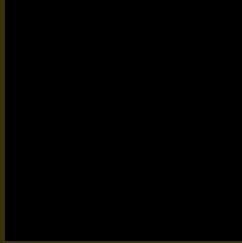
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 363305 Background



This preview shows how black text looks on a background with the Hex color 363305.



This preview shows how white text looks on a background with the Hex color 363305.

# 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**  
363305

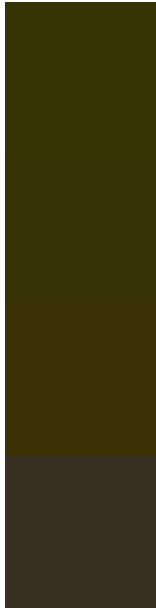
**Protanopia**  
383205

**Deuteranopia**  
3F2F08



**Tritanopia**  
392F33

# Trichromacy



**Original Color**  
363305

**Protanomaly**  
373205

**Deuteranomaly**  
3C3007

**Tritanomaly**  
383022

# Monochromacy



**Original Color**  
363305

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
323020

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 363305 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 #363305 looks like.

```
.text, #text, p{  
    color:#363305  
}
```

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 #363305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363305
}
```

## Border

The CSS property to change the border of an element to Hex 363305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

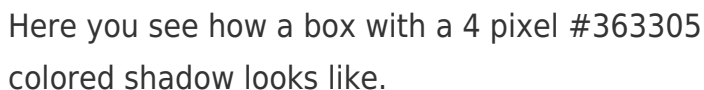
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#363305 }
```

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

```
.border{ border-color:#363305 }
```

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



Here you see how a box with a 4 pixel #363305 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363305; -webkit-box-shadow:4px 4px  
4px 4px #363305; box-shadow:4px 4px 4px  
4px #363305 }
```

# Background

The CSS property to change the background color of an element to Hex 363305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363305 }
```

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

```
.background{ background-color:#363305 }
```

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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