

# Converting Colors

Hex(353B06)

Have a look what the booklet for  
Hex(353B06) contains.

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**Color**

**Hex(353B06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	353B06
RGB	53, 59, 6
RGB Percent	21%, 23%, 2%
CMY	0.7922, 0.7686, 0.9765
CMYK	0.10, 0.00, 0.90, 0.77
HSL	67°, 82%, 13%
HSV	67°, 90%, 23%
XYZ	3.0650, 3.8980, 0.7631
YIQ	51.1640, 13.4370, -17.7550

# Conversions

## Conversions Part 2

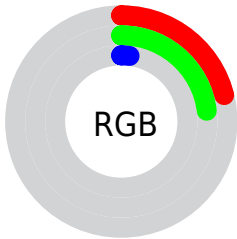
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 59, 12
Decimal	3488518
CIELab	23.33, -10.38, 29.31
CIELCh	23, 31.095, 109.505
Yxy	3.8980, 0.3967, 0.5045
Android (android.graphics.Color)	4281678598 (0xFF353B06)
YUV	51.1640, -22.2659, 1.6102
Hunter-Lab	19.7433, -6.8395, 11.5286

# Details

The Hex color **353B06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C063B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **666A34**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **343B00**, and if you desaturate by 10%, it is **363B0C**.

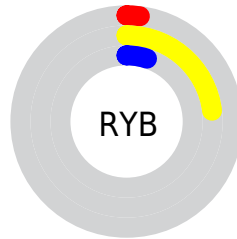
# Distribution



Red (21%)

Green (23%)

Blue (2%)



Red (2%)

Yellow (23%)

Blue (5%)

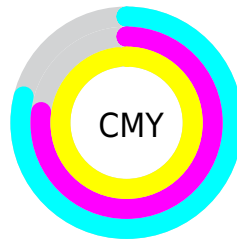


Cyan (10%)

Magenta (0%)

Yellow (90%)

Black (77%)



Cyan (79%)

Magenta (77%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 353B06 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 353B06 by changing the saturation by 10% instead.



 353B06

 353B06

 FFFFEB

 1F2500

 666A34

 001200

 7F834C

 000000

 9A9D64

 B5B87E

 D1D498

 EEF0B3

 FFFFCE

 353B06

 353B06

■ 343B00

■ 363B0C

■ 363B12

■ 373B18

■ 383B1E

■ 383B23

■ 393B29

■ 3A3B2F

■ 3A3B35

■ 3B3B3B

# Harmonies

## Analogous

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



4A3405



353B06



184018

# Triad

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



353B06



00415B



5D2241

# Complementary

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



353B06



0C063B

# 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.



4C2B56



353B06



003D65

# Square

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



353B06



004346



283564



622229

# Rectangle

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



353B06



004226



283564



592548



# Sweetspot

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



353B06



4A4D38



3B0B06



25261A



A6A6A6



262626



# Same Dimension

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



353B06



444D00



1B3B06



1E1F1C



545E00



C5DE00



# Inverse Universe

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



0C063B



09004D



26063B



1C1C1F



0B005E

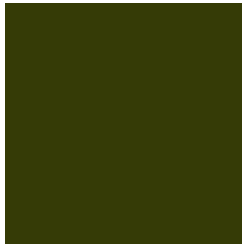


1900DE



# Previews

## White Background



This preview shows how the Hex color 353B06 looks on a white background.

## Color Contrast Check

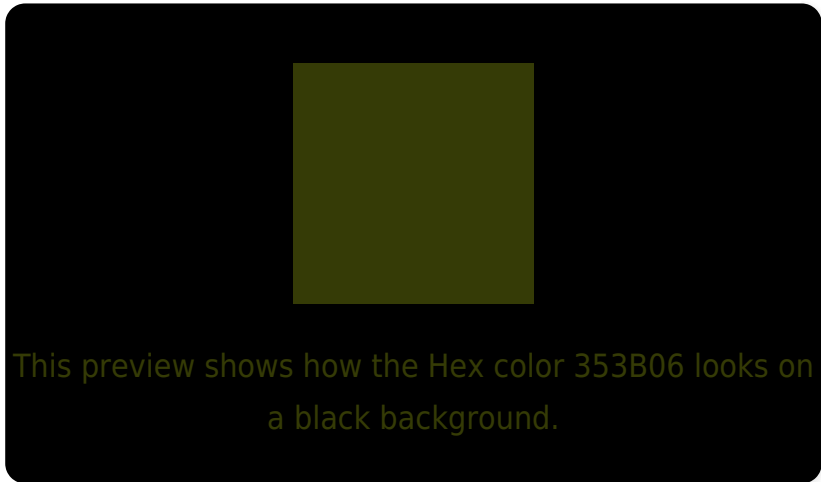
Large Text (above 18pt) WCAG AA ✓ Pass

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

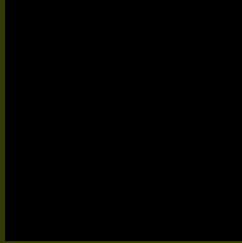
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 353B06 Background



This preview shows how black text looks on a background with the Hex color 353B06.



This preview shows how white text looks on a background with the Hex color 353B06.

# 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**  
353B06

**Protanopia**  
3F3805

**Deuteranopia**  
46350B



**Tritanopia**  
39373B

# Trichromacy



**Original Color**  
353B06

**Protanomaly**  
3B3905

**Deuteranomaly**  
403709

**Tritanomaly**  
383828

# Monochromacy



**Original Color**  
353B06

**Achromatopsia**  
333333

**Achromatomaly**  
343623

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 353B06 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 #353B06 looks like.

```
.text, #text, p{  
    color:#353B06  
}
```

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 #353B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353B06
}
```

## Border

The CSS property to change the border of an element to Hex 353B06 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
#353B06 }
```

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

```
.border{ border-color:#353B06 }
```

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

Here you see how a box with a 4 pixel #353B06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353B06; -webkit-box-shadow:4px 4px  
4px 4px #353B06; box-shadow:4px 4px 4px  
4px #353B06 }
```

# Background

The CSS property to change the background color of an element to Hex 353B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353B06 }
```

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

```
.background{ background-color:#353B06 }
```

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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