

Converting Colors

Hex(353D09)

Have a look what the booklet for
Hex(353D09) contains.

| | |
|--|----|
| Hex(353D09) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(353D09)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 353D09 |
| RGB | 53, 61, 9 |
| RGB Percent | 21%, 24%, 4% |
| CMY | 0.7922, 0.7608, 0.9647 |
| CMYK | 0.13, 0.00, 0.85, 0.76 |
| HSL | 69°, 74%, 14% |
| HSV | 69°, 85%, 24% |
| XYZ | 3.1862, 4.1141, 0.8846 |
| YIQ | 52.6800, 11.9240, -17.8680 |

Conversions

Conversions Part 2

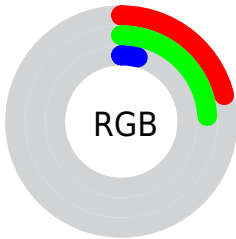
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 9, 61, 17 |
| Decimal | 3489033 |
| CIE Lab | 24.05, -11.39, 28.80 |
| CIE LCh | 24, 30.974, 111.573 |
| Yxy | 4.1141, 0.3893, 0.5026 |
| Android (android.graphics.Color) | 4281679113 (0xFF353D09) |
| YUV | 52.6800, -21.5342, 0.2806 |
| Hunter-Lab | 20.2832, -7.4555, 11.6125 |

Details

The Hex color **353D09** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11093D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **666C37**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **343D03**, and if you desaturate by 10%, it is **363D0F**.

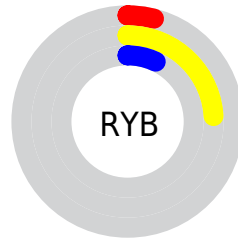
Distribution



Red (21%)

Green (24%)

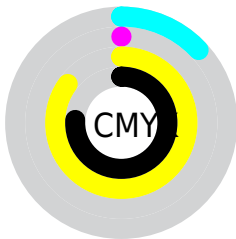
Blue (4%)



Red (4%)

Yellow (24%)

Blue (7%)

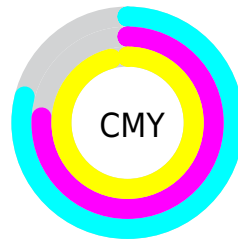


Cyan (13%)

Magenta (0%)

Yellow (85%)

Black (76%)



Cyan (79%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353D09 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 353D09 by changing the saturation by 10% instead.

 353D09

 353D09

 FFFFEE

 1F2700

 666C37

 001400

 7F864F

 000000

 9AA067

 B5BB81

 D1D69B

 EDF3B6

 FFFF D2

 353D09

 353D09

■ 343D03

■ 363D0F

■ 343D00

■ 373D15

■ 383D1B

■ 393D21

■ 3A3D28

■ 3B3D2E

■ 3C3D34

■ 3D3D3A

■ 3D3D40

Harmonies

Analogous

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



4B3606



353D09



17421B

Triad

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



353D09



00425D



602441

Complementary

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



353D09



11093D

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.



4F2C56



353D09



003E67

Square

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



353D09



00444A



2D3665



632429

Rectangle

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



353D09



00432A



2D3665



5C2648

Sweetspot

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



353D09



4C4F3A



3D1109



27291C



A8A8A8



292929

Same Dimension

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



353D09



434F00



1B3D09



1E1F1C



505E00



BCDE00

Inverse Universe

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



11093D



0C004F



2B093D



1C1C1F



0F005E



2200DE

Previews

White Background



This preview shows how the Hex color 353D09 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

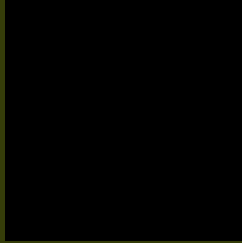
Any Text WCAG AA × Fail

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 353D09 Background



This preview shows how black text looks on a background with the Hex color 353D09.



This preview shows how white text looks on a background with the Hex color 353D09.

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
353D09

Protanopia
413908

Deuteranopia
48360D



Tritanopia
3A393D

Trichromacy



Original Color
353D09

Protanomaly
3D3A08

Deuteranomaly
41390C

Tritanomaly
383A2A

Monochromacy



Original Color
353D09

Achromatopsia
353535

Achromatomaly
353825

CSS Examples

Text

The CSS property to change the color of the text to Hex 353D09 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 #353D09 looks like.

```
.text, #text, p{  
    color:#353D09  
}
```

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 #353D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353D09
}
```

Border

The CSS property to change the border of an element to Hex 353D09 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
#353D09 }
```

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

```
.border{ border-color:#353D09 }
```

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

Here you see how a box with a 4 pixel #353D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353D09; -webkit-box-shadow:4px 4px  
4px 4px #353D09; box-shadow:4px 4px 4px  
4px #353D09 }
```

Background

The CSS property to change the background color of an element to Hex 353D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353D09 }
```

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

```
.background{ background-color:#353D09 }
```

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