

Converting Colors

Hex(353036)

Have a look what the booklet for
Hex(353036) contains.

Hex(353036)	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(353036)

Conversions

Conversions Part 1

Format	Color
Hex	353036
RGB	53, 48, 54
RGB Percent	21%, 19%, 21%
CMY	0.7922, 0.8118, 0.7882
CMYK	0.02, 0.11, 0.00, 0.79
HSL	290°, 6%, 20%
HSV	290°, 11%, 21%
XYZ	3.1910, 3.1371, 3.9274
YIQ	50.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

Format	Color
R_{YB}	53, 48, 54
Decimal	3485750
CIE Lab	20.58, 3.61, -3.00
CIE LCh	21, 4.693, 320.206
Yxy	3.1371, 0.3112, 0.3059
Android (android.graphics.Color)	4281675830 (0xFF353036)
YUV	50.1790, 1.8838, 2.4740
Hunter-Lab	17.7119, 1.1629, -0.7483

Details

The Hex color **353036** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313630**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **645E65**, and **08000A** is the 20% darker color. If you saturate the color by 10%, you get **342B36**, and if you desaturate by 10%, it is **363536**.

Distribution



Red (21%)

Green (19%)

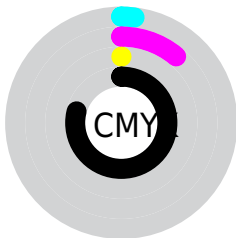
Blue (21%)



Red (21%)

Yellow (19%)

Blue (21%)

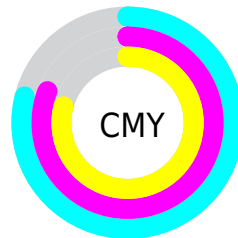


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353036 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 353036 by changing the saturation by 10% instead.

■ 353036

■ 353036

FFFFFF

■ 201B21

■ 645E65

■ 08000A

■ 7C777E

■ 000000

■ 969097

■ B1ABB2

■ CCC6CE

■ E9E2EA

■ 353036

■ 353036

■ 342B36

■ 363536

■ 332536

■ 373B36

■ 322036

■ 384036

■ 311A36

■ 394636

■ 311536

■ 394B36

■ 301036

■ 3A5036

■ 2F0A36

■ 3B5636

■ 2E0536

■ 3C5B36

■ 2D0036

■ 3D6136

Harmonies

Analogous

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



313138



353036



382F33

Triad

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



353036



36312B



293434

Complementary

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



353036



313630

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.



2B3430



353036



32322B

Square

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



353036



38302C



2E332D



2A3337

Rectangle

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



353036



392F30



2E332D



293433

Sweetspot

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



353036



474547



303136



232224



A3A3A3



242424

Same Dimension

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



353036



463E47



363034



1C191C



4D005C



B700DB

Inverse Universe

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



363031



473E40



303632



1C191A



5C000F



DB0025

Previews

White Background



This preview shows how the Hex color 353036 looks on a white background.

Color Contrast Check

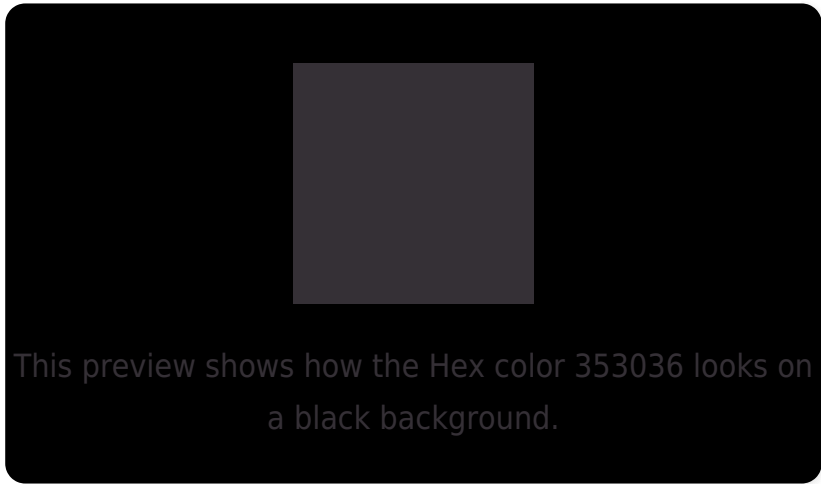
Large Text (above 18pt) WCAG AA ✓ Pass

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

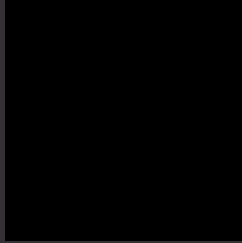
Any Text WCAG AA × Fail

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 353036 Background



This preview shows how black text looks on a background with the Hex color 353036.

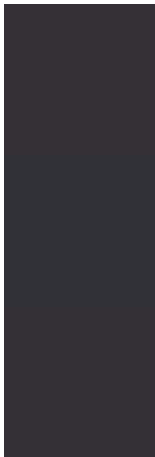


This preview shows how white text looks on a background with the Hex color 353036.

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
353036

Protanopia
313137

Deuteranopia
343036



Tritanopia
353034

Trichromacy



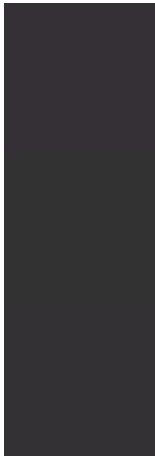
Original Color
353036

Protanomaly
323137

Deuteranomaly
343036

Tritanomaly
353035

Monochromacy



Original Color
353036

Achromatopsia
323232

Achromatomaly
333133

CSS Examples

Text

The CSS property to change the color of the text to Hex 353036 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 #353036 looks like.

```
.text, #text, p{  
    color:#353036  
}
```

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 #353036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353036
}
```

Border

The CSS property to change the border of an element to Hex 353036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

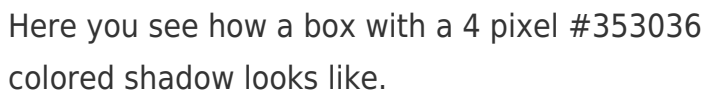
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353036 }
```

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

```
.border{ border-color:#353036 }
```

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



Here you see how a box with a 4 pixel #353036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353036; -webkit-box-shadow:4px 4px  
4px 4px #353036; box-shadow:4px 4px 4px  
4px #353036 }
```

Background

The CSS property to change the background color of an element to Hex 353036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353036 }
```

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

```
.background{ background-color:#353036 }
```

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