

Converting Colors

Hex(353B2C)

Have a look what the booklet for
Hex(353B2C) contains.

Hex(353B2C)	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(353B2C)

Conversions

Conversions Part 1

Format	Color
Hex	353B2C
RGB	53, 59, 44
RGB Percent	21%, 23%, 17%
CMY	0.7922, 0.7686, 0.8275
CMYK	0.10, 0.00, 0.25, 0.77
HSL	84°, 15%, 20%
HSV	84°, 25%, 23%
XYZ	3.4868, 4.0667, 2.9840
YIQ	55.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

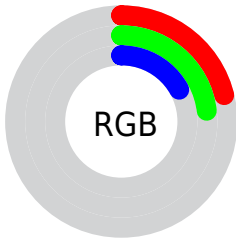
Format	Color
R_{YB}	44, 59, 50
Decimal	3488556
CIE _{Lab}	23.89, -5.81, 8.48
CIE _{LCh}	24, 10.275, 124.404
Yxy	4.0667, 0.3309, 0.3859
Android (android.graphics.Color)	4281678636 (0xFF353B2C)
YUV	55.4960, -5.6675, -2.1890
Hunter-Lab	20.1660, -4.4270, 5.3428

Details

The Hex color **353B2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322C3B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **646A5A**, and **071100** is the 20% darker color. If you saturate the color by 10%, you get **333B26**, and if you desaturate by 10%, it is **373B32**.

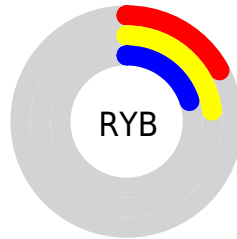
Distribution



Red (21%)

Green (23%)

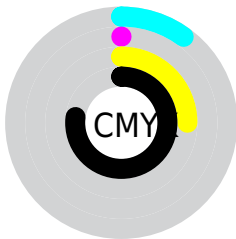
Blue (17%)



Red (17%)

Yellow (23%)

Blue (20%)

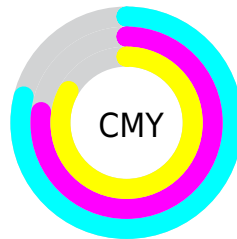


Cyan (10%)

Magenta (0%)

Yellow (25%)

Black (77%)



Cyan (79%)

Magenta (77%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353B2C 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 353B2C by changing the saturation by 10% instead.

■ 353B2C

■ 353B2C

FFFFFF

■ 202517

■ 646A5A

■ 071100

■ 7D8372

■ 000000

■ 979D8C

■ B1B8A6

■ CDD4C1

■ E9F0DD

■ FFFFFA

■ 353B2C

■ 353B2C

■ 333B26

■ 373B32

■ 303B20

■ 3A3B38

■ 2E3B1A

■ 3C3B3E

■ 2C3B14

■ 3E3B44

■ 293B0F

■ 413B4A

■ 273B09

■ 433B4F

■ 243B03

■ 463B55

■ 233B00

■ 483B5B

■ 4A3B61

Harmonies

Analogous

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



3E392A



353B2C



2C3D32

Triad

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



353B2C



283B46



483338

Complementary

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



353B2C



322C3B

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.



443440



353B2C



313948

Square

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



353B2C



233D41



3C3646



483430

Rectangle

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



353B2C



273D37



3C3646



47333B

Sweetspot

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



353B2C



4A4D46



3B322C



252622



A6A6A6



262626

Same Dimension

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



353B2C



434D35



2D3B2C



1D1F1C



395E00



85DE00

Inverse Universe

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



322C3B



3E354D



3A2C3B



1D1C1F



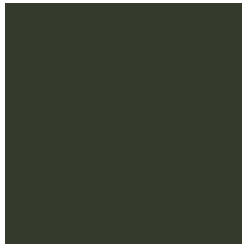
26005E



5900DE

Previews

White Background



This preview shows how the Hex color 353B2C looks on a white background.

Color Contrast Check

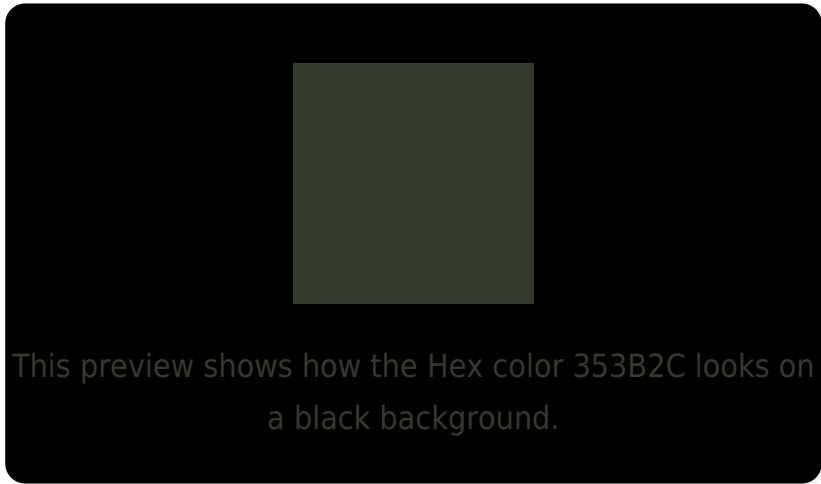
Large Text (above 18pt) WCAG AA ✓ Pass

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

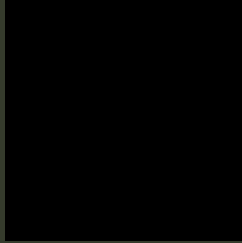
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

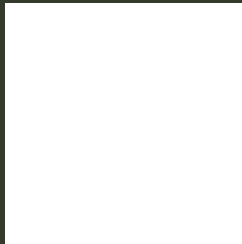
Any Text WCAG AAA × Fail

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

Hex 353B2C Background



This preview shows how black text looks on a background with the Hex color 353B2C.

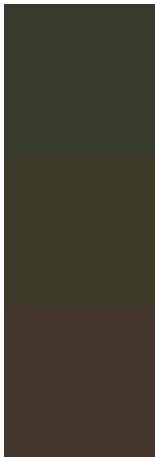


This preview shows how white text looks on a background with the Hex color 353B2C.

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](#).

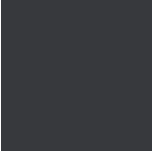
Dichromacy



Original Color
353B2C

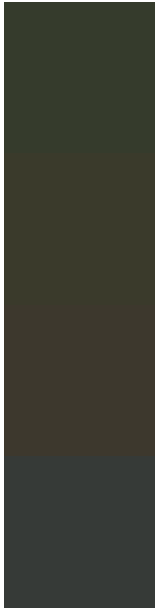
Protanopia
3D392B

Deuteranopia
42372D



Tritanopia
37393D

Trichromacy



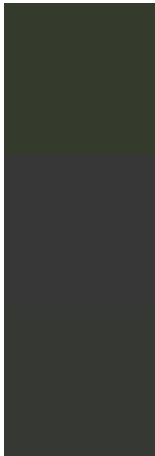
Original Color
353B2C

Protanomaly
3A3A2B

Deuteranomaly
3D382D

Tritanomaly
363A37

Monochromacy



Original Color
353B2C

Achromatopsia
373737

Achromatomaly
363833

CSS Examples

Text

The CSS property to change the color of the text to Hex 353B2C 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 #353B2C looks like.

```
.text, #text, p{  
    color:#353B2C  
}
```

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 #353B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353B2C
}
```

Border

The CSS property to change the border of an element to Hex 353B2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

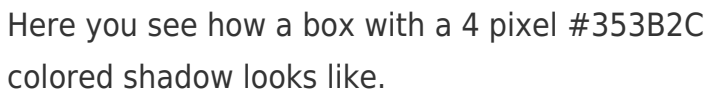
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353B2C }
```

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

```
.border{ border-color:#353B2C }
```

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



Here you see how a box with a 4 pixel #353B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353B2C; -webkit-box-shadow:4px 4px  
4px 4px #353B2C; box-shadow:4px 4px 4px  
4px #353B2C }
```

Background

The CSS property to change the background color of an element to Hex 353B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353B2C }
```

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

```
.background{ background-color:#353B2C }
```

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