

Converting Colors

Hex(353638)

Have a look what the booklet for
Hex(353638) contains.

Hex(353638)	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(353638)

Conversions

Conversions Part 1

Format	Color
Hex	353638
RGB	53, 54, 56
RGB Percent	21%, 21%, 22%
CMY	0.7922, 0.7882, 0.7804
CMYK	0.05, 0.04, 0.00, 0.78
HSL	220°, 3%, 21%
HSV	220°, 5%, 22%
XYZ	3.5012, 3.6807, 4.2673
YIQ	53.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

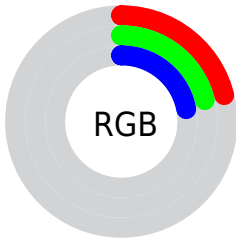
Format	Color
R _Y B	53, 54, 56
Decimal	3487288
CIE Lab	22.59, 0.04, -1.41
CIE LCh	23, 1.407, 271.768
Yxy	3.6807, 0.3058, 0.3215
Android (android.graphics.Color)	4281677368 (0xFF353638)
YUV	53.9290, 1.0210, -0.8147
Hunter-Lab	19.1853, -0.9992, 0.2420

Details

The Hex color **353638** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383735**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **636567**, and **080A0D** is the 20% darker color. If you saturate the color by 10%, you get **2F3238**, and if you desaturate by 10%, it is **3B3A38**.

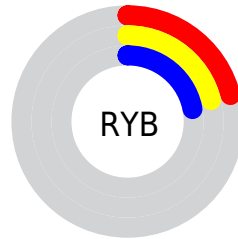
Distribution



Red (21%)

Green (21%)

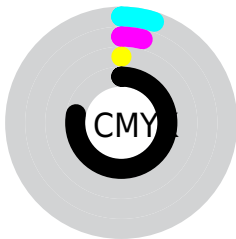
Blue (22%)



Red (21%)

Yellow (21%)

Blue (22%)

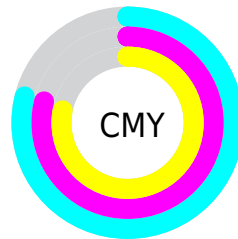


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (78%)



Cyan (79%)

Magenta (79%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353638 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 353638 by changing the saturation by 10% instead.



353638



353638

FFFFFF



202123



636567



080A0D



7C7E80



000000



96979A



B1B2B5



CCCED0



E8EAEC



353638



353638



2F3238



3B3A38

■ 2A2F38

■ 403D38

■ 242B38

■ 464138

■ 1F2738

■ 4B4538

■ 192338

■ 514938

■ 132038

■ 574C38

■ 0E1C38

■ 5C5038

■ 081838

■ 625438

■ 031438

■ 675838

Harmonies

Analogous

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



343638



353638



363638

Triad

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



353638



383535



343635

Complementary

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



353638



383735

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.



363634



353638



383634

Square

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



353638



383536



373634



343736

Rectangle

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



353638



373537



373634



353635

Sweetspot

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



353638



48494A



353837



252626



A6A6A6



262626

Same Dimension

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



353638



46474A



363538



1A1B1C



001F5C



0049DB

Inverse Universe

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



383536



4A4647



383835



1C1A1B



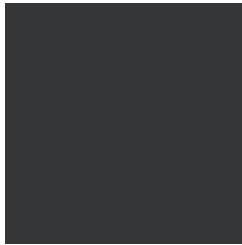
5C001F



DB0049

Previews

White Background



This preview shows how the Hex color 353638 looks on a white background.

Color Contrast Check

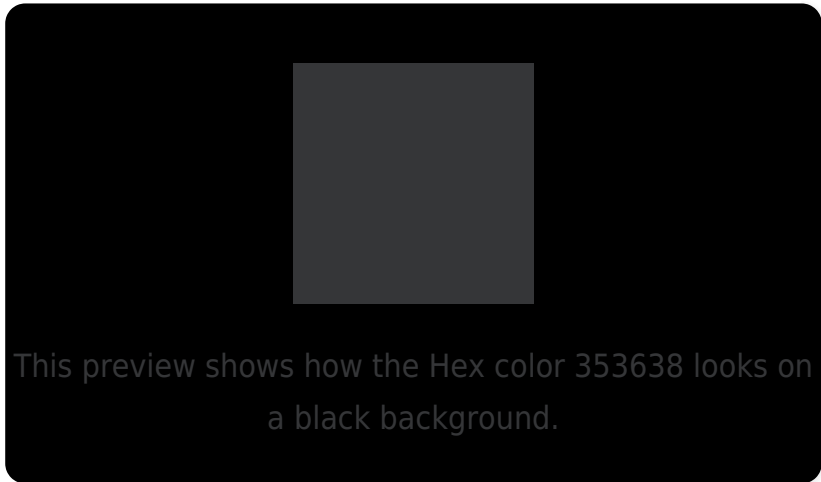
Large Text (above 18pt) WCAG AA ✓ Pass

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

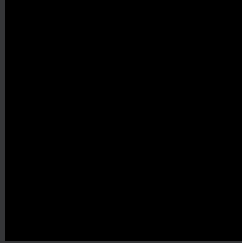
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

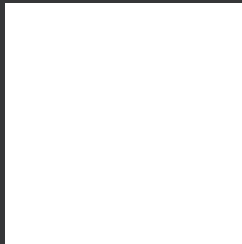
Any Text WCAG AAA × Fail

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

Hex 353638 Background



This preview shows how black text looks on a background with the Hex color 353638.

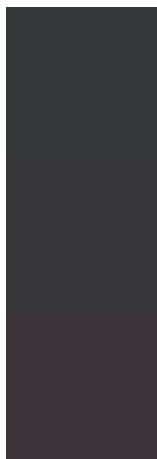


This preview shows how white text looks on a background with the Hex color 353638.

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](#).

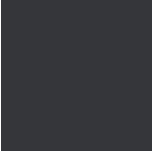
Dichromacy



Original Color
353638

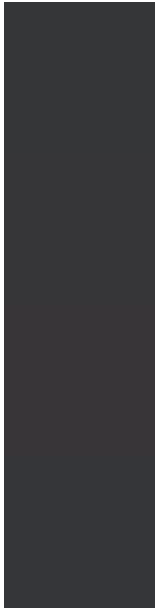
Protanopia
363638

Deuteranopia
3A3438



Tritanopia
35363A

Trichromacy



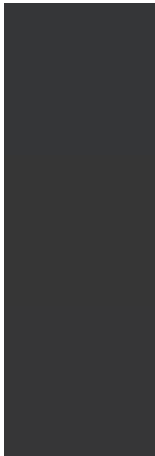
Original Color
353638

Protanomaly
363638

Deuteranomaly
383538

Tritanomaly
353639

Monochromacy



Original Color
353638

Achromatopsia
363636

Achromatomaly
363637

CSS Examples

Text

The CSS property to change the color of the text to Hex 353638 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 #353638 looks like.

```
.text, #text, p{  
    color:#353638  
}
```

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 #353638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353638
}
```

Border

The CSS property to change the border of an element to Hex 353638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

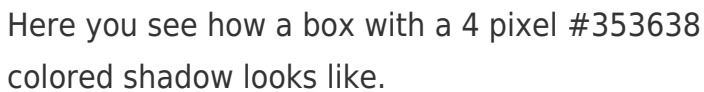
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353638 }
```

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

```
.border{ border-color:#353638 }
```

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



Here you see how a box with a 4 pixel #353638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353638; -webkit-box-shadow:4px 4px  
4px 4px #353638; box-shadow:4px 4px 4px  
4px #353638 }
```

Background

The CSS property to change the background color of an element to Hex 353638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353638 }
```

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

```
.background{ background-color:#353638 }
```

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