

Converting Colors

Hex(352838)

Have a look what the booklet for
Hex(352838) contains.

Hex(352838)	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(352838)

Conversions

Conversions Part 1

Format	Color
Hex	352838
RGB	53, 40, 56
RGB Percent	21%, 16%, 22%
CMY	0.7922, 0.8431, 0.7804
CMYK	0.05, 0.29, 0.00, 0.78
HSL	289°, 17%, 19%
HSV	289°, 29%, 22%
XYZ	2.9408, 2.5600, 4.0805
YIQ	45.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

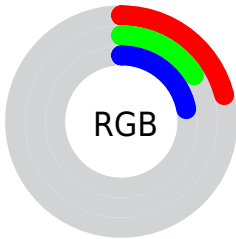
Format	Color
R_{YB}	53, 40, 56
Decimal	3483704
CIE _{Lab}	18.19, 9.61, -7.98
CIE _{LCh}	18, 12.492, 320.270
Yxy	2.5600, 0.3069, 0.2672
Android (android.graphics.Color)	4281673784 (0xFF352838)
YUV	45.7110, 5.0725, 6.3925
Hunter-Lab	16.0000, 4.8084, -3.9209

Details

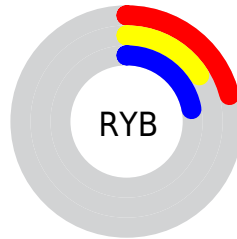
The Hex color **352838** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3828**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **645567**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342238**, and if you desaturate by 10%, it is **362E38**.

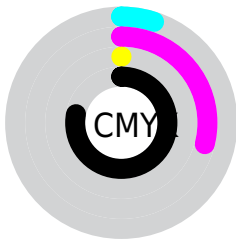
Distribution



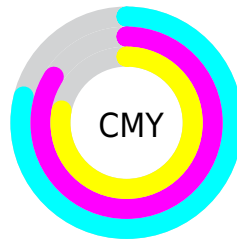
- Red (21%)
- Green (16%)
- Blue (22%)



- Red (21%)
- Yellow (16%)
- Blue (22%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (78%)



- Cyan (79%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 352838 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 352838 by changing the saturation by 10% instead.

■ 352838

■ 352838

FFFFFF

■ 201423

■ 645567

■ 00000C

■ 7D6D80

■ 000000

■ 97879A

■ B1A1B5

■ CDBCD0

■ E9D8ED

■ FFF4FF

■ 352838

■ 352838

■ 342238

■ 362E38

■ 331D38

■ 373338

■ 321738

■ 383938

■ 311238

■ 393E38

■ 300C38

■ 3A4438

■ 2F0638

■ 3B4A38

■ 2E0138

■ 3C4F38

■ 2E0038

■ 3D5538

■ 3E5A38

Harmonies

Analogous

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



2A2B3D



352838



3C2630

Triad

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



352838



352B1B



0F3132

Complementary

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



352838



2B3828

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.



183129



352838



2C2E1B

Square

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



352838



3C281F



223021



11303A

Rectangle

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



352838



3E262A



223021



12312F

Sweetspot

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



352838



49434A



282B38



252226



A6A6A6



262626

Same Dimension

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



352838



45314A



382833



1C191C



4B005C



B200DB

Inverse Universe

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



38282B



4A3136



28382D



1C191A



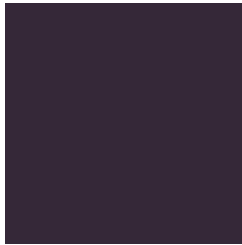
5C0011



DB0029

Previews

White Background



This preview shows how the Hex color 352838 looks on a white background.

Color Contrast Check

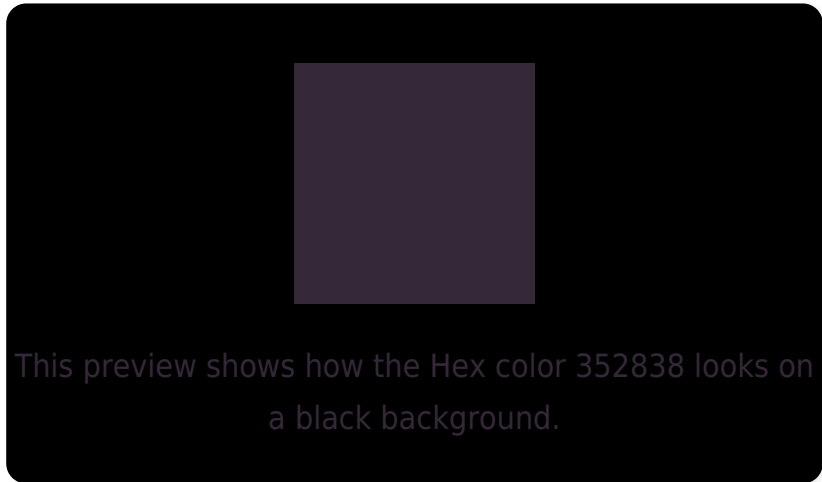
Large Text (above 18pt) WCAG AA ✓ Pass

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

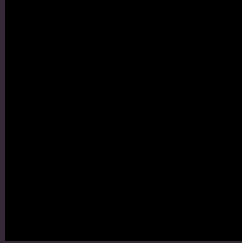
Any Text WCAG AA × Fail

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 352838 Background



This preview shows how black text looks on a background with the Hex color 352838.



This preview shows how white text looks on a background with the Hex color 352838.

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](#).

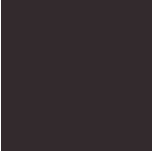
Dichromacy



Original Color
352838

Protanopia
282C3B

Deuteranopia
2B2C37



Tritanopia
332A2D

Trichromacy



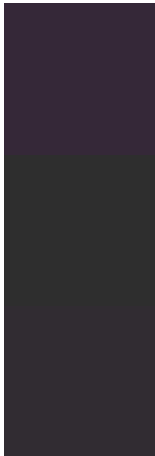
Original Color
352838

Protanomaly
2D2B3A

Deuteranomaly
2F2B37

Tritanomaly
342931

Monochromacy



Original Color
352838

Achromatopsia
2E2E2E

Achromatomaly
312C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 352838 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 #352838 looks like.

```
.text, #text, p{  
    color:#352838  
}
```

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 #352838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #352838
}
```

Border

The CSS property to change the border of an element to Hex 352838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

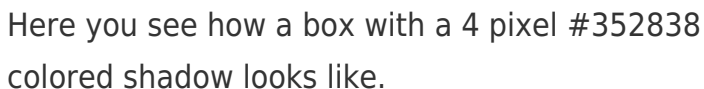
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#352838 }
```

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

```
.border{ border-color:#352838 }
```

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



Here you see how a box with a 4 pixel #352838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #352838; -webkit-box-shadow:4px 4px  
4px 4px #352838; box-shadow:4px 4px 4px  
4px #352838 }
```

Background

The CSS property to change the background color of an element to Hex 352838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#352838 }
```

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

```
.background{ background-color:#352838 }
```

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