

# Converting Colors

Hex(352D38)

Have a look what the booklet for  
Hex(352D38) contains.

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# Color

**Hex(352D38)**

# Conversions

## Conversions Part 1

Format	Color
Hex	352D38
RGB	53, 45, 56
RGB Percent	21%, 18%, 22%
CMY	0.7922, 0.8235, 0.7804
CMYK	0.05, 0.20, 0.00, 0.78
HSL	284°, 11%, 20%
HSV	284°, 20%, 22%
XYZ	3.1204, 2.9192, 4.1404
YIQ	48.6460, 1.2370, 5.1170

# Conversions

## Conversions Part 2

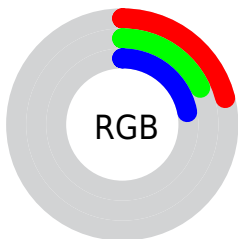
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 45, 56
Decimal	3484984
CIE Lab	19.72, 6.15, -5.67
CIE LCh	20, 8.365, 317.295
Yxy	2.9192, 0.3065, 0.2868
Android (android.graphics.Color)	4281675064 (0xFF352D38)
YUV	48.6460, 3.6255, 3.8185
Hunter-Lab	17.0856, 2.7002, -2.4079

# Details


The Hex color **352D38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30382D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **645B67**, and **07000D** is the 20% darker color. If you saturate the color by 10%, you get **332738**, and if you desaturate by 10%, it is **373338**.

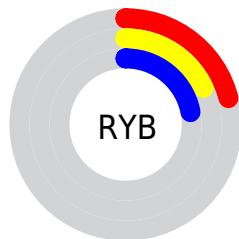
# Distribution



 Red (21%)

 Green (18%)

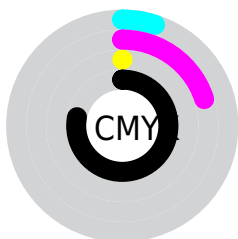
 Blue (22%)





 Red (21%)

 Yellow (18%)

 Blue (22%)

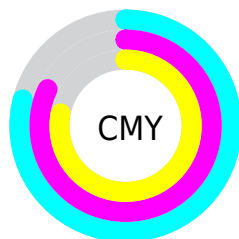


 Cyan (5%)

 Magenta (20%)

 Yellow (0%)

 Black (78%)



 Cyan (79%)

 Magenta (82%)

 Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 352D38 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 352D38 by changing the saturation by 10% instead.





352D38



352D38

FFFFFF



201823



645B67



07000D



7D7380



000000



968D9A



B1A7B5



CDC2D0



E9DEEC



FFFBFF



352D38



352D38

■ 332738

■ 373338

■ 322238

■ 383838

■ 301C38

■ 3A3E38

■ 2F1738

■ 3B4338

■ 2D1138

■ 3D4938

■ 2C0B38

■ 3E4F38

■ 2A0638

■ 405438

■ 290038

■ 415A38

■ 435F38

# Harmonies

## Analogous

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



2D2F3B



352D38



3A2C33

# Triad

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



352D38



372E24



1F3333

# Complementary

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



352D38



30382D

# 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.



23332D



352D38



313024

# Square

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



352D38



3B2D27



2A3227



203238

# Rectangle

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



352D38



3C2B2E



2A3227



203331



# Sweetspot

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



352D38



49464A



2D3038



262426



A6A6A6



262626



# Same Dimension

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



352D38



45384A



382D36



1B191C



43005C



9F00DB



# Inverse Universe

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



382D30



4A383D



2D382F



1C191A



5C0019

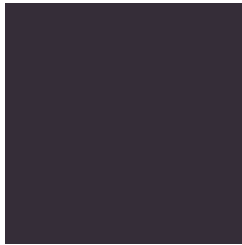


DB003C



# Previews

## White Background



This preview shows how the Hex color 352D38 looks on a white background.

## Color Contrast Check

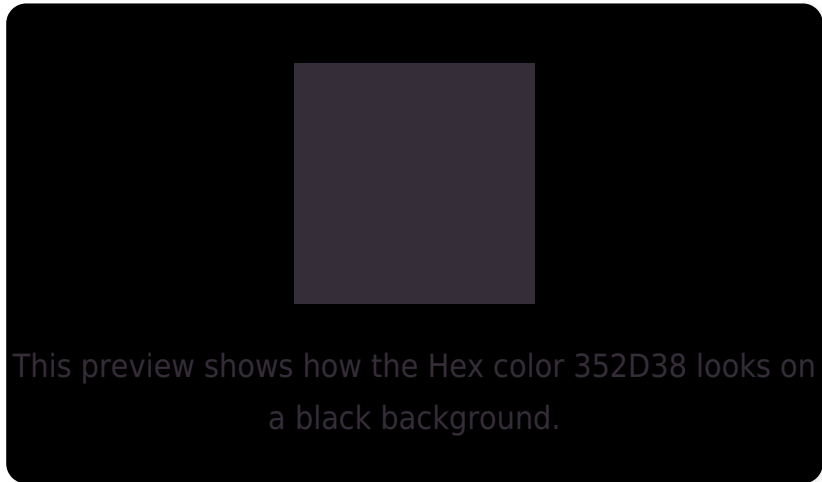
Large Text (above 18pt) WCAG AA ✓ Pass

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

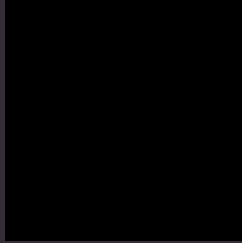
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 352D38 Background



This preview shows how black text looks on a background with the Hex color 352D38.



This preview shows how white text looks on a background with the Hex color 352D38.

# 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**

352D38

**Protanopia**

2E2F3A

**Deuteranopia**

312F38



**Tritanopia**  
342E32

# Trichromacy



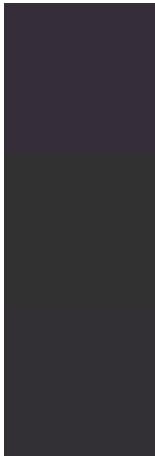
**Original Color**  
352D38

**Protanomaly**  
312E39

**Deuteranomaly**  
322E38

**Tritanomaly**  
342E34

# Monochromacy



**Original Color**  
352D38

**Achromatopsia**  
313131

**Achromatomaly**  
323034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 352D38 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 #352D38 looks like.

```
.text, #text, p{  
    color:#352D38  
}
```

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 #352D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #352D38
}
```

## Border

The CSS property to change the border of an element to Hex 352D38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

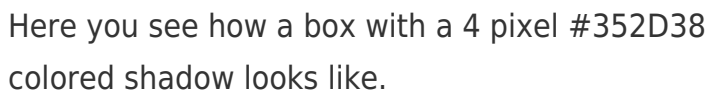
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#352D38 }
```

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

```
.border{ border-color:#352D38 }
```

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



Here you see how a box with a 4 pixel #352D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #352D38; -webkit-box-shadow:4px 4px  
4px 4px #352D38; box-shadow:4px 4px 4px  
4px #352D38 }
```

# Background

The CSS property to change the background color of an element to Hex 352D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#352D38 }
```

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

```
.background{ background-color:#352D38 }
```

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](#).



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