

# Converting Colors

Hex(352C59)

Have a look what the booklet for  
Hex(352C59) contains.

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# Color

**Hex(352C59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	352C59
RGB	53, 44, 89
RGB Percent	21%, 17%, 35%
CMY	0.7922, 0.8275, 0.6510
CMYK	0.40, 0.51, 0.00, 0.65
HSL	252°, 34%, 26%
HSV	252°, 51%, 35%
XYZ	4.1721, 3.2795, 9.8643
YIQ	51.8210, -9.0810, 15.9030

# Conversions

## Conversions Part 2

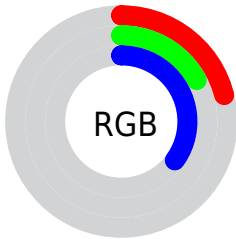
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 44, 89
Decimal	3484761
CIE <sub>Lab</sub>	21.13, 16.33, -25.81
CIE <sub>LCh</sub>	21, 30.541, 302.327
Yxy	3.2795, 0.2409, 0.1894
Android (android.graphics.Color)	4281674841 (0xFF352C59)
YUV	51.8210, 18.3292, 1.0340
Hunter-Lab	18.1094, 9.4313, -19.6190

# Details

The Hex color **352C59** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **50592C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **665A8B**, and **0B002B** is the 20% darker color. If you saturate the color by 10%, you get **2E2359**, and if you desaturate by 10%, it is **3C3559**.

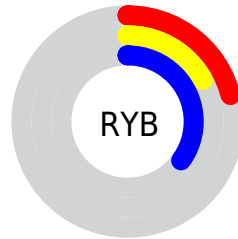
# Distribution



Red (21%)

Green (17%)

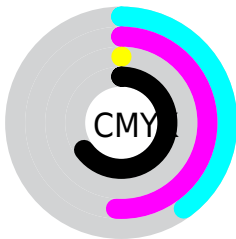
Blue (35%)



Red (21%)

Yellow (17%)

Blue (35%)

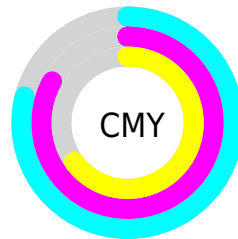


Cyan (40%)

Magenta (51%)

Yellow (0%)

Black (65%)



Cyan (79%)

Magenta (83%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 352C59 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 352C59 by changing the saturation by 10% instead.





352C59



352C59

FFFFFF



1E1741



665A8B



0B002B



7F72A6



000116



9A8CC1



000000



B5A6DD



D1C1FA



EDDDFF



FFFAFF



352C59



352C59

■ 2E2359

■ 3C3559

■ 271A59

■ 433E59

■ 201159

■ 4A4759

■ 190859

■ 515059

■ 120059

■ 595959

■ 606159

■ 676A59

■ 6E7359

■ 757C59

# Harmonies

## Analogous

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



003560



352C59



4F2248

# Triad

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



352C59



4E2A08



003D34

# Complementary

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



352C59



50592C

# 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.



003C1D



352C59



3D3200

# Square

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



352C59



59211C



263808



003D4A

# Rectangle

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



352C59



581D3A



263808



003D2C



# Sweetspot

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



352C59



656273



2C5059



32303B



BABABA



3B3B3B



# Same Dimension

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



352C59



3B2D73



4C2C59



28272B



15006B



2F00EB



# Inverse Universe

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



592C50



732D65



3A592C



2B272A



6B0056



EB00BC



# Previews

## White Background



This preview shows how the Hex color 352C59 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

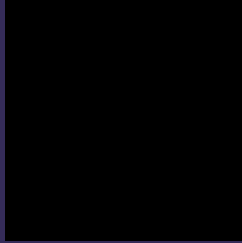
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 352C59 Background



This preview shows how black text looks on a background with the Hex color 352C59.



This preview shows how white text looks on a background with the Hex color 352C59.

# 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](#).

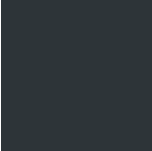
## Dichromacy



**Original Color**  
352C59

**Protanopia**  
1C315E

**Deuteranopia**  
183357



**Tritanopia**  
2D3438

# Trichromacy



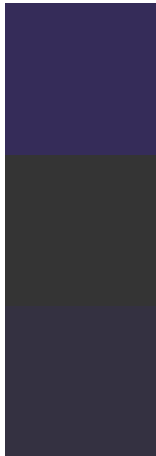
**Original Color**  
352C59

**Protanomaly**  
252F5C

**Deuteranomaly**  
233058

**Tritanomaly**  
303144

# Monochromacy



**Original Color**  
352C59

**Achromatopsia**  
343434

**Achromatomaly**  
343141

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 352C59 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 #352C59 looks like.

```
.text, #text, p{  
    color:#352C59  
}
```

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 #352C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #352C59
}
```

## Border

The CSS property to change the border of an element to Hex 352C59 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
#352C59 }
```

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

```
.border{ border-color:#352C59 }
```

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

Here you see how a box with a 4 pixel #352C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #352C59; -webkit-box-shadow:4px 4px  
4px 4px #352C59; box-shadow:4px 4px 4px  
4px #352C59 }
```

# Background

The CSS property to change the background color of an element to Hex 352C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#352C59 }
```

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

```
.background{ background-color:#352C59 }
```

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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