

# Converting Colors

Hex(352751)

Have a look what the booklet for  
Hex(352751) contains.

<b>Hex(352751)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(352751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	352751
RGB	53, 39, 81
RGB Percent	21%, 15%, 32%
CMY	0.7922, 0.8471, 0.6824
CMYK	0.35, 0.52, 0.00, 0.68
HSL	260°, 35%, 24%
HSV	260°, 52%, 32%
XYZ	3.6789, 2.8020, 8.1315
YIQ	47.9740, -5.1380, 16.0300

# Conversions

## Conversions Part 2

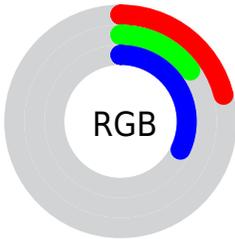
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 39, 81
Decimal	3483473
CIE <sub>Lab</sub>	19.23, 17.27, -23.48
CIE <sub>LCh</sub>	19, 29.144, 306.336
Yxy	2.8020, 0.2518, 0.1918
Android (android.graphics.Color)	4281673553 (0xFF352751)
YUV	47.9740, 16.2818, 4.4078
Hunter-Lab	16.7392, 9.9370, -17.0843

# Details

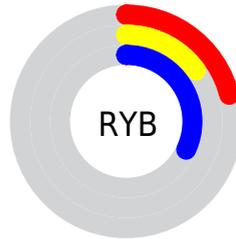
The Hex color **352751** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **435127**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **655483**, and **090024** is the 20% darker color. If you saturate the color by 10%, you get **301F51**, and if you desaturate by 10%, it is **3A2F51**.

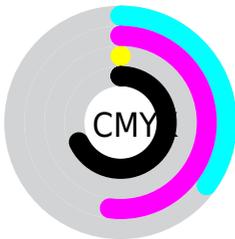
# Distribution



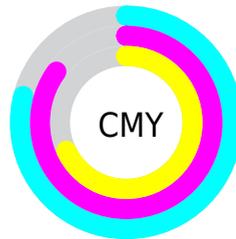
-  Red (21%)
-  Green (15%)
-  Blue (32%)



-  Red (21%)
-  Yellow (15%)
-  Blue (32%)



-  Cyan (35%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (79%)
-  Magenta (85%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 352751 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 352751 by changing the saturation by 10% instead.

■ 352751

■ 352751

FFFFFF

■ 1E123A

■ 655483

■ 090024

■ 7F6D9D

■ 00000C

■ 9986B8

■ 000000

■ B4A0D4

■ D0BBF0

■ ECD7FF

■ FFF4FF

■ 352751

■ 352751

■ 301F51

■ 3A2F51

■ 2A1751

■ 403751

■ 250F51

■ 453F51

■ 1F0751

■ 4B4751

■ 1B0051

■ 505051

■ 555851

■ 5B6051

■ 606851

■ 667051

# Harmonies

## Analogous

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



003059



352751



4C1E40

# Triad

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



352751



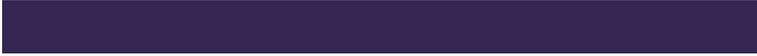
472703



003933

# Complementary

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



352751



435127

# Split Complementary

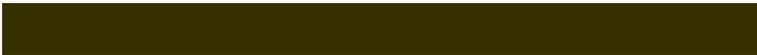
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00371D



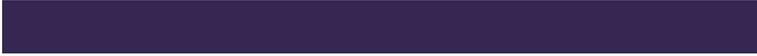
352751



362F00

# Square

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



352751



521E17



1F3408



003847

# Rectangle

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



352751



531A32



1F3408



00382B

# Sweetspot

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



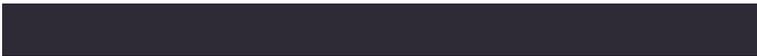
352751



5D5869



274351



2F2B36



B5B5B5



363636



# Same Dimension

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



352751



3D2869



4A2751



262529



230069



4D00E8



# Inverse Universe

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



512743



692853



2E5127



292527



690046

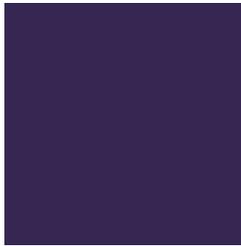


E8009B



# Previews

## White Background



This preview shows how the Hex color 352751 looks on a white background.

## Color Contrast Check

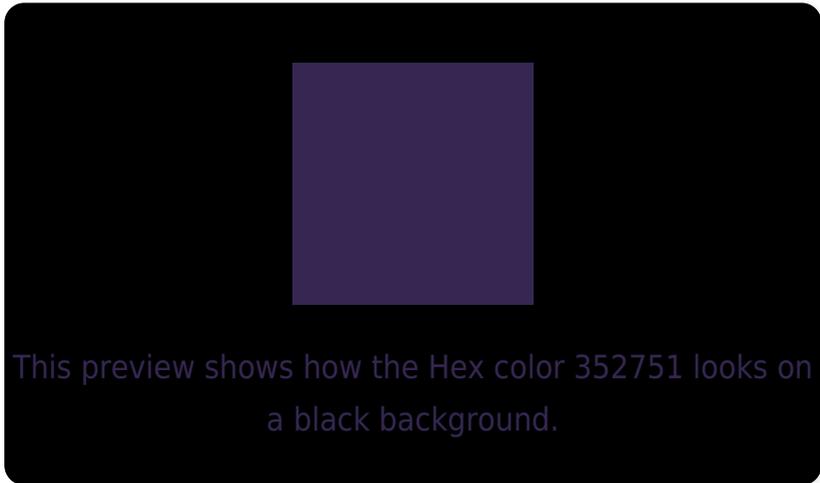
Large Text (above 18pt) WCAG AA ✓ Pass

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 352751 Background



This preview shows how black text looks on a background with the Hex color 352751.



This preview shows how white text looks on a background with the Hex color 352751.

# 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](#).

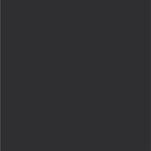
## Dichromacy



**Original Color**  
352751

**Protanopia**  
192E58

**Deuteranopia**  
182F4F



**Tritanopia**  
2F2F32

# Trichromacy



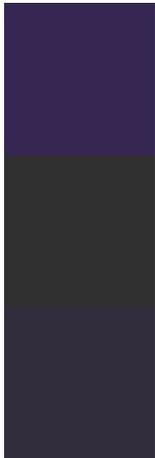
**Original Color**  
352751

**Protanomaly**  
232B55

**Deuteranomaly**  
232C50

**Tritanomaly**  
312C3D

# Monochromacy



**Original Color**  
352751

**Achromatopsia**  
303030

**Achromatomaly**  
322D3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 352751 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 #352751 looks like.

```
.text, #text, p{  
    color:#352751  
}
```

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 #352751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #352751
}
```

## Border

The CSS property to change the border of an element to Hex 352751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

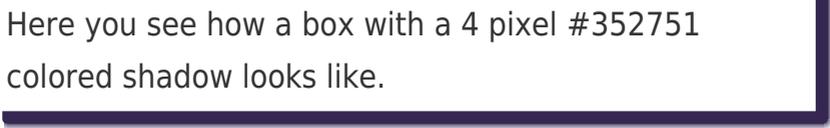
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#352751 }
```

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

```
.border{ border-color:#352751 }
```

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



Here you see how a box with a 4 pixel #352751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #352751; -webkit-box-shadow:4px 4px  
4px 4px #352751; box-shadow:4px 4px 4px  
4px #352751 }
```

# Background

The CSS property to change the background color of an element to Hex 352751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#352751 }
```

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

```
.background{ background-color:#352751 }
```

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