

# Converting Colors

Hex(350832)

Have a look what the booklet for  
Hex(350832) contains.

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# Color

**Hex(350832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	350832
RGB	53, 8, 50
RGB Percent	21%, 3%, 20%
CMY	0.7922, 0.9686, 0.8039
CMYK	0.00, 0.85, 0.06, 0.79
HSL	304°, 74%, 12%
HSV	304°, 85%, 21%
XYZ	2.1308, 1.1608, 3.1294
YIQ	26.2430, 13.3380, 22.6020

# Conversions

## Conversions Part 2

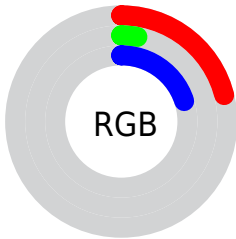
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 8, 50
Decimal	3475506
CIE <sub>Lab</sub>	10.27, 27.77, -15.98
CIE <sub>LCh</sub>	10, 32.039, 330.087
Yxy	1.1608, 0.3318, 0.1808
Android (android.graphics.Color)	4281665586 (0xFF350832)
YUV	26.2430, 11.7122, 23.4659
Hunter-Lab	10.7742, 16.4460, -9.6788

# Details

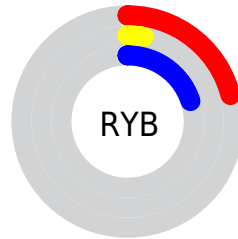
The Hex color **350832** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **08350B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **663761**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **350332**, and if you desaturate by 10%, it is **350D32**.

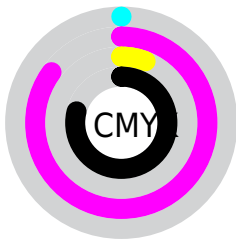
# Distribution



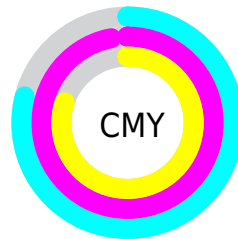
- Red (21%)
- Green (3%)
- Blue (20%)



- Red (21%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (85%)
- Yellow (6%)
- Black (79%)



- Cyan (79%)
- Magenta (97%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 350832 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 350832 by changing the saturation by 10% instead.



 350832

 350832

 FFEEFF

 23001D

 663761

 000000

 7F4E79

 9A6793

 B580AE

 D19BC9

 EDB6E5

 FFD2FF

 350832

 350832

■ 350332

■ 350D32

■ 350031

■ 351333

■ 351833

■ 351D33

■ 352334

■ 352834

■ 352D34

■ 353235

■ 353835

# Harmonies

## Analogous

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



181642



350832



40001D

# Triad

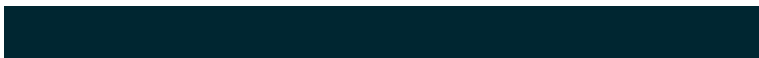
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



350832



241B00



002631

# Complementary

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



350832



08350B

# 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.



00261B



350832



0E2100

# Square

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



350832



351200



002400



002442

# Rectangle

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



350832



41010C



002400



00262A



# Sweetspot

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



350832



453444



0B0835



241923



A3A3A3



242424



# Same Dimension

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



350832



450040



35081C



1A1719



590053



D900CA



# Inverse Universe

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



350832



450040



083521



1A1719



590053

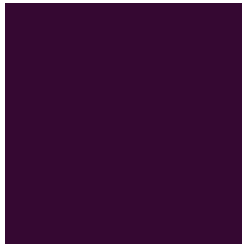


D900CA



# Previews

## White Background



This preview shows how the Hex color 350832 looks on a white background.

## Color Contrast Check

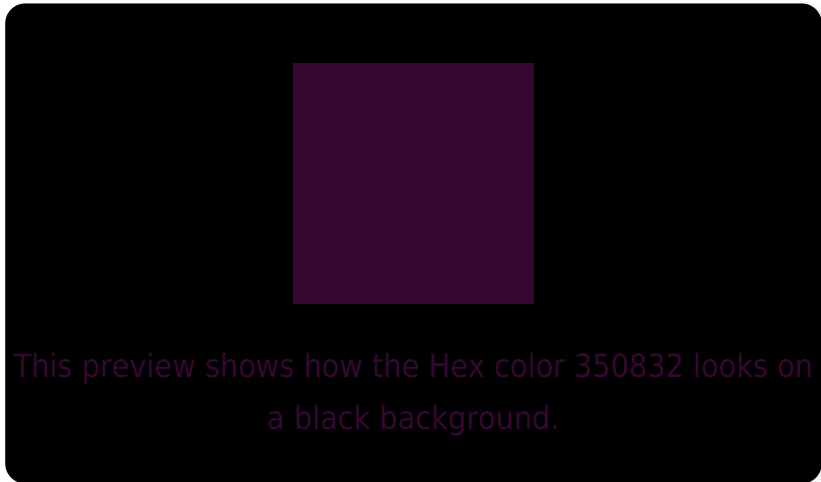
Large Text (above 18pt) WCAG AA ✓ Pass

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

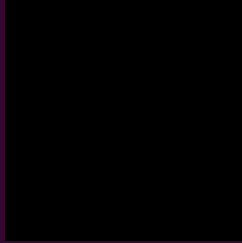
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 350832 Background



This preview shows how black text looks on a background with the Hex color 350832.



This preview shows how white text looks on a background with the Hex color 350832.

# 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**  
350832

**Protanopia**  
001D3E

**Deuteranopia**  
161E2F



**Tritanopia**  
321516

# Trichromacy



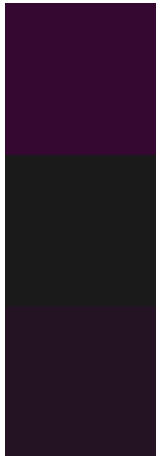
**Original Color**  
350832

**Protanomaly**  
13153A

**Deuteranomaly**  
211630

**Tritanomaly**  
331020

# Monochromacy



**Original Color**  
350832

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
241323

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 350832 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 #350832 looks like.

```
.text, #text, p{  
    color:#350832  
}
```

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 #350832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #350832
}
```

## Border

The CSS property to change the border of an element to Hex 350832 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".

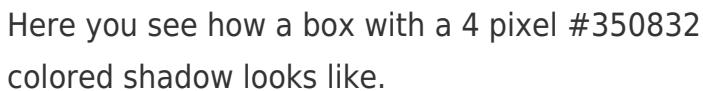
```
.border, #border, table{ border:4px solid
#350832 }
```

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

```
.border{ border-color:#350832 }
```

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

Here you see how a box with a 4 pixel #350832 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #350832; -webkit-box-shadow:4px 4px  
4px 4px #350832; box-shadow:4px 4px 4px  
4px #350832 }
```

# Background

The CSS property to change the background color of an element to Hex 350832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#350832 }
```

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

```
.background{ background-color:#350832 }
```

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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