

# Converting Colors

Hex(350745)

Have a look what the booklet for  
Hex(350745) contains.

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# Color

**Hex(350745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	350745
RGB	53, 7, 69
RGB Percent	21%, 3%, 27%
CMY	0.7922, 0.9725, 0.7294
CMYK	0.23, 0.90, 0.00, 0.73
HSL	285°, 82%, 15%
HSV	285°, 90%, 27%
XYZ	2.6184, 1.3385, 5.7506
YIQ	27.8220, 7.5140, 29.0340

# Conversions

## Conversions Part 2

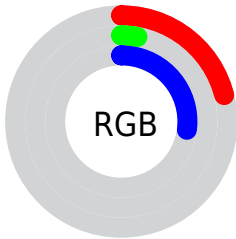
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 7, 69
Decimal	3475269
CIE <sub>Lab</sub>	11.54, 32.29, -27.55
CIE <sub>LCh</sub>	12, 42.448, 319.529
Yxy	1.3385, 0.2697, 0.1379
Android (android.graphics.Color)	4281665349 (0xFF350745)
YUV	27.8220, 20.3008, 22.0811
Hunter-Lab	11.5694, 20.1511, -21.3715

# Details

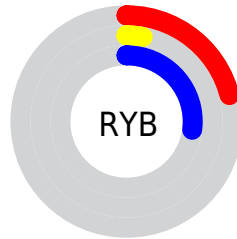
The Hex color **350745** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174507**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **663776**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **330045**, and if you desaturate by 10%, it is **370E45**.

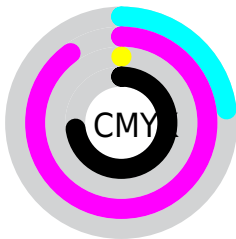
# Distribution



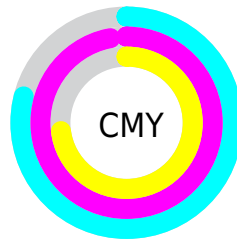
- Red (21%)
- Green (3%)
- Blue (27%)



- Red (21%)
- Yellow (3%)
- Blue (27%)



- Cyan (23%)
- Magenta (90%)
- Yellow (0%)
- Black (73%)



- Cyan (79%)
- Magenta (97%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 350745 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 350745 by changing the saturation by 10% instead.



 350745

 350745

 FFF0FF

 21002F

 663776

 000119

 804F90

 000000

 9B68AA

 B681C6

 D29CE2

 EFB7FF

 FFD3FF

 350745

 350745

■ 330045

■ 370E45

■ 391545

■ 3A1C45

■ 3C2345

■ 3E2A45

■ 403045

■ 413745

■ 433E45

■ 454545

# Harmonies

## Analogous

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



001C57



350745



4B002A

# Triad

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



350745



301A00



002B31

# Complementary

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



350745



174507

# 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.



002A13



350745



152300

# Square

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



350745



430700



002800



002A4B

# Rectangle

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



350745



4E0017



002800



002B27



# Sweetspot

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



350745



534159



071845



2A1F2E



ADADAD



2E2E2E



# Same Dimension

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



350745



420059



450737



232024



4A0063



A800E3



# Inverse Universe

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



450717



590017



074515



242021



63001A

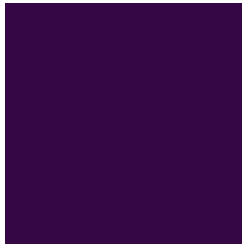


E3003B



# Previews

## White Background



This preview shows how the Hex color 350745 looks on a white background.

## Color Contrast Check

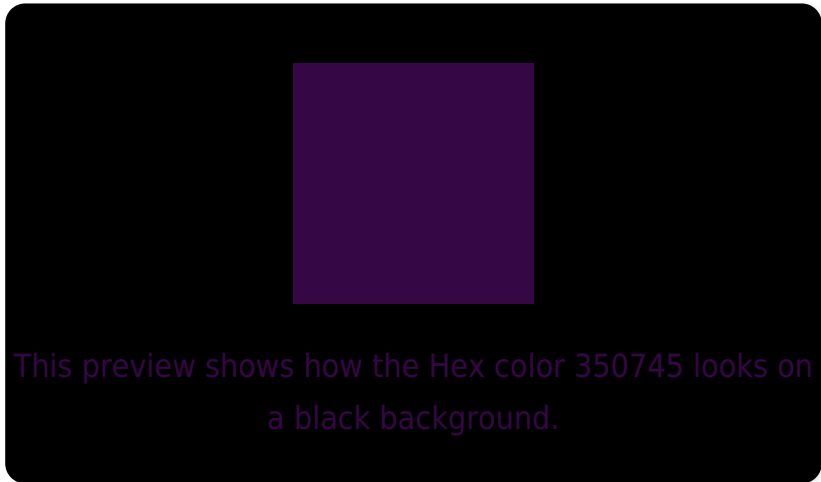
Large Text (above 18pt) WCAG AA ✓ Pass

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

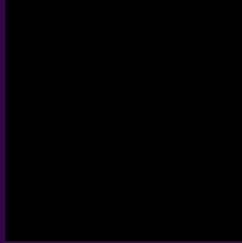
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 350745 Background



This preview shows how black text looks on a background with the Hex color 350745.



This preview shows how white text looks on a background with the Hex color 350745.

# 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**  
350745

**Protanopia**  
002044

**Deuteranopia**  
00223B



**Tritanopia**  
2F1C1E

# Trichromacy



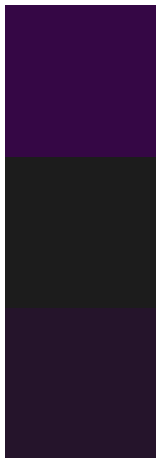
**Original Color**  
350745

**Protanomaly**  
131744

**Deuteranomaly**  
13183F

**Tritanomaly**  
31142C

# Monochromacy



**Original Color**  
350745

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
25142B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 350745 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 #350745 looks like.

```
.text, #text, p{  
    color:#350745  
}
```

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 #350745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #350745
}
```

## Border

The CSS property to change the border of an element to Hex 350745 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".

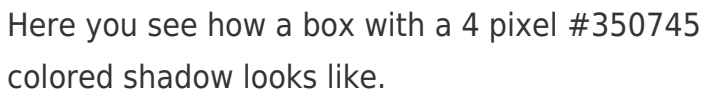
```
.border, #border, table{ border:4px solid
#350745 }
```

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

```
.border{ border-color:#350745 }
```

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

Here you see how a box with a 4 pixel #350745 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 #350745; -webkit-box-shadow:4px 4px  
4px 4px #350745; box-shadow:4px 4px 4px  
4px #350745 }
```

# Background

The CSS property to change the background color of an element to Hex 350745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#350745 }
```

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

```
.background{ background-color:#350745 }
```

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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