

Converting Colors

Hex(350174)

Have a look what the booklet for
Hex(350174) contains.

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Color

Hex(350174)

Conversions

Conversions Part 1

Format	Color
Hex	350174
RGB	53, 1, 116
RGB Percent	21%, 0%, 45%
CMY	0.7922, 0.9961, 0.5451
CMYK	0.54, 0.99, 0.00, 0.55
HSL	267°, 98%, 23%
HSV	267°, 99%, 45%
XYZ	4.6314, 2.0395, 16.6726
YIQ	29.6580, -5.9230, 46.7890

Conversions

Conversions Part 2

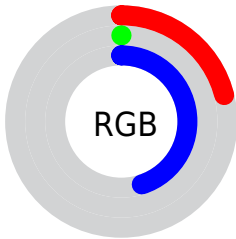
Format	Color
RYB	53, 1, 116
Decimal	3473780
CIELab	15.69, 46.02, -52.35
CIElCh	16, 69.703, 311.313
Yxy	2.0395, 0.1984, 0.0874
Android (android.graphics.Color)	4281663860 (0xFF350174)
YUV	29.6580, 42.5666, 20.4709
Hunter-Lab	14.2813, 32.8956, -59.2208

Details

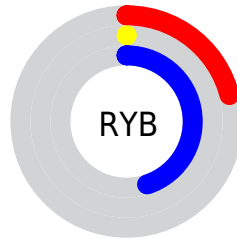
The Hex color **350174** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **407401**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6C37A9**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **340074**, and if you desaturate by 10%, it is **3B0D74**.

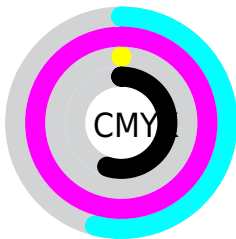
Distribution



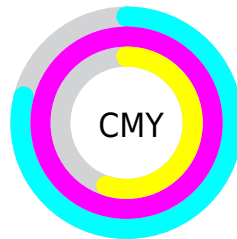
- Red (21%)
- Green (0%)
- Blue (45%)



- Red (21%)
- Yellow (0%)
- Blue (45%)



- Cyan (54%)
- Magenta (99%)
- Yellow (0%)
- Black (55%)



- Cyan (79%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 350174 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 350174 by changing the saturation by 10% instead.

 350174

 350174

 FFF3FF

 16005B

 6C37A9

 000042

 8850C5

 00032B

 A46AE1

 000115

 C084FE

 000000

 DD9FFF

 FBBAFF

 FFD7FF

 350174

 350174

■ 340074

■ 3B0D74

■ 421874

■ 482474

■ 4E2F74

■ 553B74

■ 5B4774

■ 615274

■ 685E74

■ 6E6974

Harmonies

Analogous

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



002B8D



350174



6A0048

Triad

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



350174



4A1700



00383A

Complementary

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



350174



407401

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.



003700



350174



202B00

Square

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



350174



670000



003300



00396A

Rectangle

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



350174



740028



003300



003828

Sweetspot

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



350174



7E6996



014074



3D314D



CCCCCC



4D4D4D

Same Dimension

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



350174



440096



6E0174



37353B



37007A



7100FA

Inverse Universe

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



740140



960052



077401



3B3538



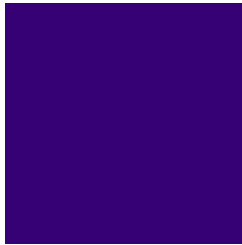
7A0043



FA0089

Previews

White Background



This preview shows how the Hex color 350174 looks on a white background.

Color Contrast Check

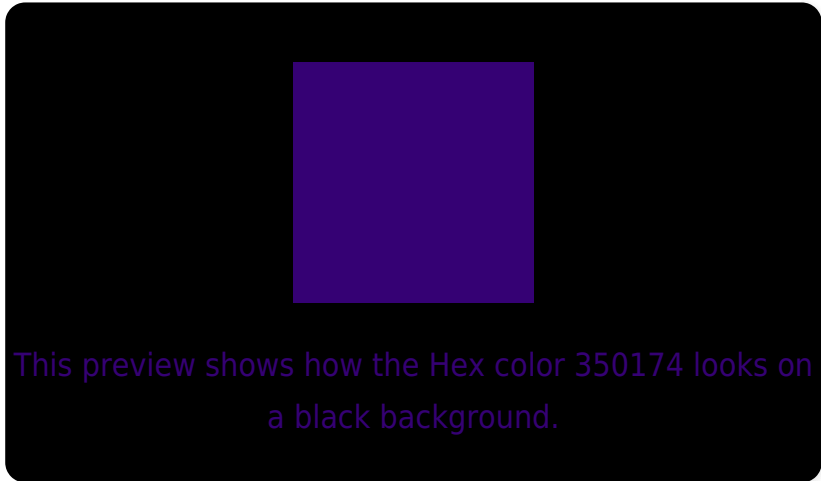
Large Text (above 18pt) WCAG AA ✓ Pass

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

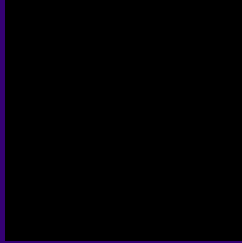
Any Text WCAG AA × Fail

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 350174 Background



This preview shows how black text looks on a background with the Hex color 350174.



This preview shows how white text looks on a background with the Hex color 350174.

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
350174

Protanopia
002957

Deuteranopia
002C4A



Tritanopia
1F2D31

Trichromacy



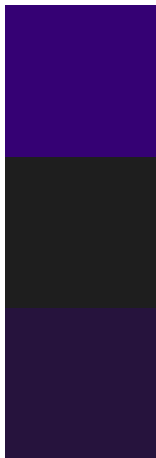
Original Color
350174

Protanomaly
131A62

Deuteranomaly
131C59

Tritanomaly
271D49

Monochromacy



Original Color
350174

Achromatopsia
1E1E1E

Achromatomaly
26133D

CSS Examples

Text

The CSS property to change the color of the text to Hex 350174 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 #350174 looks like.

```
.text, #text, p{  
    color:#350174  
}
```

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 #350174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #350174
}
```

Border

The CSS property to change the border of an element to Hex 350174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

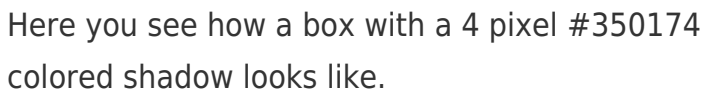
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#350174 }
```

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

```
.border{ border-color:#350174 }
```

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



Here you see how a box with a 4 pixel #350174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #350174; -webkit-box-shadow:4px 4px  
4px 4px #350174; box-shadow:4px 4px 4px  
4px #350174 }
```

Background

The CSS property to change the background color of an element to Hex 350174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#350174 }
```

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

```
.background{ background-color:#350174 }
```

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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