

Converting Colors

Hex(357349)

Have a look what the booklet for
Hex(357349) contains.

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Color

Hex(357349)

Conversions

Conversions Part 1

Format	Color
Hex	357349
RGB	53, 115, 73
RGB Percent	21%, 45%, 29%
CMY	0.7922, 0.5490, 0.7137
CMYK	0.54, 0.00, 0.37, 0.55
HSL	139°, 37%, 33%
HSV	139°, 54%, 45%
XYZ	8.8015, 13.4994, 8.4451
YIQ	91.6740, -23.4700, -26.2060

Conversions

Conversions Part 2

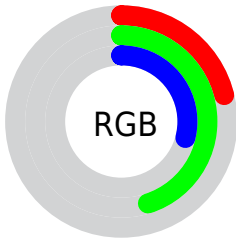
Format	Color
RYB	53, 100, 115
Decimal	3502921
CIELab	43.51, -30.28, 17.30
CIELCh	44, 34.879, 150.256
Yxy	13.4994, 0.2863, 0.4391
Android (android.graphics.Color)	4281693001 (0xFF357349)
YUV	91.6740, -9.2063, -33.9171
Hunter-Lab	36.7415, -21.5375, 12.0912

Details

The Hex color **357349** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73355F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **68A87A**, and **00421D** is the 20% darker color. If you saturate the color by 10%, you get **2A7341**, and if you desaturate by 10%, it is **417351**.

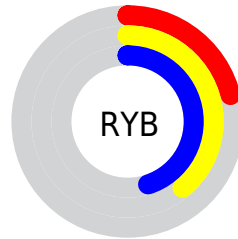
Distribution



Red (21%)

Green (45%)

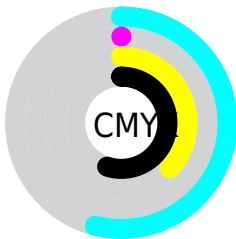
Blue (29%)



Red (21%)

Yellow (39%)

Blue (45%)

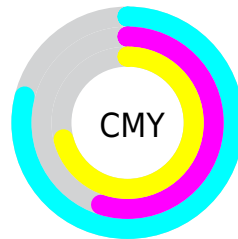


Cyan (54%)

Magenta (0%)

Yellow (37%)

Black (55%)



Cyan (79%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357349 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 357349 by changing the saturation by 10% instead.



357349



357349

FFFFFF



1A5A32



68A87A



00421D



83C394



002B05



9EDFAF



001500



BAFCCA



000000



D6FFE6



F3FFFF



357349



357349



2A7341



417351

■ 1E7339

■ 4C7359

■ 127332

■ 587360

■ 07732A

■ 637368

■ 007325

■ 6F7370

■ 7A7378

■ 867380

■ 917387

■ 9C738F

Harmonies

Analogous

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



5A6E33



357349



007566

Triad

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



357349



336AA0



9C514B

Complementary

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



357349



73355F

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.



9B4E68



357349



695F99

Square

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



357349



007198



8B5484



8E5B35

Rectangle

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



357349



00757A



8B5484



9D4F54

Sweetspot

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



357349



7E9686



5F7335



3E4D43



CCCCCC



4D4D4D

Same Dimension

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



357349



359654



357368



353B37



007A27



00FA51

Inverse Universe

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



73355F



963577



733540



3B3539



7A0053



FA00A9

Previews

White Background



This preview shows how the Hex color 357349 looks on a white background.

Color Contrast Check

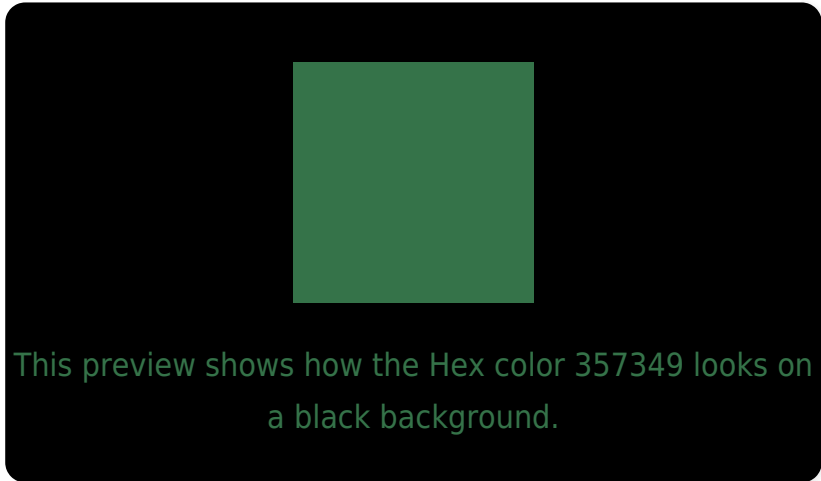
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 357349 Background



This preview shows how black text looks on a background with the Hex color 357349.



This preview shows how white text looks on a background with the Hex color 357349.

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
357349

Protanopia
6F6644

Deuteranopia
79624D



Tritanopia
416D76

Trichromacy



Original Color
357349

Protanomaly
5A6B46

Deuteranomaly
60684C

Tritanomaly
3D6F66

Monochromacy



Original Color
357349

Achromatopsia
5C5C5C

Achromatomaly
4E6455

CSS Examples

Text

The CSS property to change the color of the text to Hex 357349 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 #357349 looks like.

```
.text, #text, p{  
    color:#357349  
}
```

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 #357349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357349
}
```

Border

The CSS property to change the border of an element to Hex 357349 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
#357349 }
```

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

```
.border{ border-color:#357349 }
```

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

Here you see how a box with a 4 pixel #357349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357349; -webkit-box-shadow:4px 4px  
4px 4px #357349; box-shadow:4px 4px 4px  
4px #357349 }
```

Background

The CSS property to change the background color of an element to Hex 357349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357349 }
```

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

```
.background{ background-color:#357349 }
```

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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