

Converting Colors

Hex(357134)

Have a look what the booklet for
Hex(357134) contains.

Hex(357134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(357134)

Conversions

Conversions Part 1

Format	Color
Hex	357134
RGB	53, 113, 52
RGB Percent	21%, 44%, 20%
CMY	0.7922, 0.5569, 0.7961
CMYK	0.53, 0.00, 0.54, 0.56
HSL	119°, 37%, 32%
HSV	119°, 54%, 44%
XYZ	7.9932, 12.8151, 5.3011
YIQ	88.1060, -16.1790, -31.6910

Conversions

Conversions Part 2

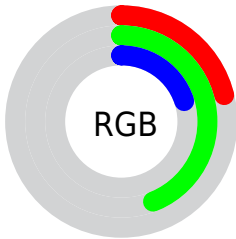
Format	Color
RYB	52, 113, 112
Decimal	3502388
CIELab	42.48, -33.02, 27.80
CIELCh	42, 43.169, 139.904
Yxy	12.8151, 0.3061, 0.4908
Android (android.graphics.Color)	4281692468 (0xFF357134)
YUV	88.1060, -17.8003, -30.7880
Hunter-Lab	35.7981, -22.7905, 16.2789

Details

The Hex color **357134** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **703471**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **69A564**, and **004005** is the 20% darker color. If you saturate the color by 10%, you get **2A7129**, and if you desaturate by 10%, it is **40713F**.

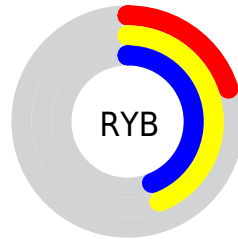
Distribution



Red (21%)

Green (44%)

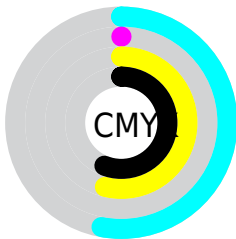
Blue (20%)



Red (20%)

Yellow (44%)

Blue (44%)

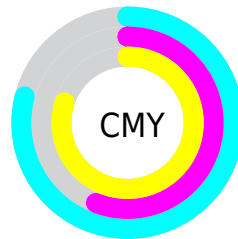


Cyan (53%)

Magenta (0%)

Yellow (54%)

Black (56%)



Cyan (79%)

Magenta (56%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357134 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 357134 by changing the saturation by 10% instead.



357134



357134

FFFFFF



1A581D



69A564



004005



83C17D



002A00



9EDD98



001000



BAFAB3



000000



D6FFCE



F3FFEB



357134



357134



2A7129



40713F

■ 1F711D

■ 4B714B

■ 147112

■ 567156

■ 097107

■ 617161

■ 027100

■ 6D716D

■ 787178

■ 837183

■ 8E718E

■ 99719A

Harmonies

Analogous

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



606A1B



357134



007557

Triad

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



357134



006CAA



A5454E

Complementary

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



357134



703471

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.



9F4572



357134



4F60A7

Square

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



357134



00739A



845193



9A502F

Rectangle

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



357134



00766F



845193



A5435A

Sweetspot

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



357134



7D947C



717034



3C4A3C



C9C9C9



4A4A4A

Same Dimension

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



357134



359434



347151



333832



027800



04F700

Inverse Universe

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



703471



923494



713454



383238



760078



F300F7

Previews

White Background



This preview shows how the Hex color 357134 looks on a white background.

Color Contrast Check

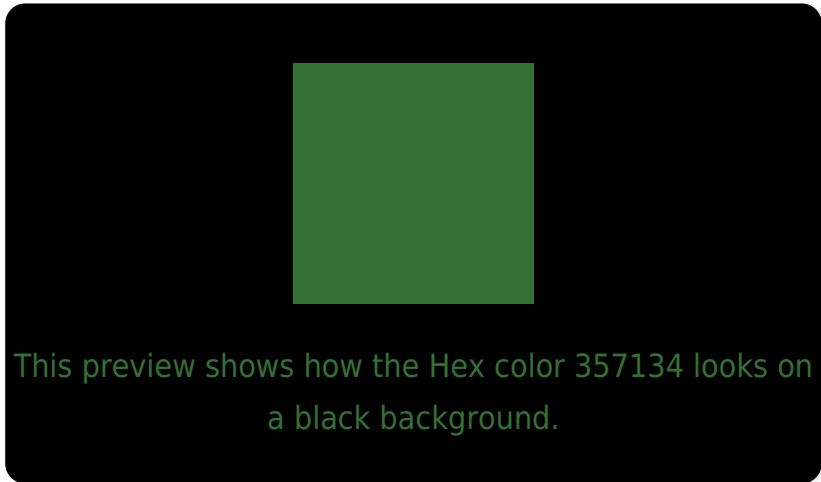
Large Text (above 18pt) WCAG AA ✓ Pass

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

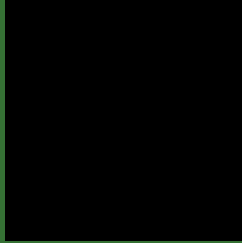
Any Text WCAG AA × Fail

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 357134 Background



This preview shows how black text looks on a background with the Hex color 357134.



This preview shows how white text looks on a background with the Hex color 357134.

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
357134

Protanopia
6F6430

Deuteranopia
7A5F39



Tritanopia
436A73

Trichromacy



Original Color
357134

Protanomaly
5A6931

Deuteranomaly
616637

Tritanomaly
3E6D5C

Monochromacy



Original Color
357134

Achromatopsia
585858

Achromatomaly
4B614B

CSS Examples

Text

The CSS property to change the color of the text to Hex 357134 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 #357134 looks like.

```
.text, #text, p{  
    color:#357134  
}
```

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 #357134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357134
}
```

Border

The CSS property to change the border of an element to Hex 357134 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
#357134 }
```

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

```
.border{ border-color:#357134 }
```

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

Here you see how a box with a 4 pixel #357134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357134; -webkit-box-shadow:4px 4px  
4px 4px #357134; box-shadow:4px 4px 4px  
4px #357134 }
```

Background

The CSS property to change the background color of an element to Hex 357134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357134 }
```

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

```
.background{ background-color:#357134 }
```

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