

# Converting Colors

Hex(357234)

Have a look what the booklet for  
Hex(357234) contains.

<b>Hex(357234)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(357234)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	357234
RGB	53, 114, 52
RGB Percent	21%, 45%, 20%
CMY	0.7922, 0.5529, 0.7961
CMYK	0.54, 0.00, 0.54, 0.55
HSL	119°, 37%, 33%
HSV	119°, 54%, 45%
XYZ	8.1053, 13.0394, 5.3385
YIQ	88.6930, -16.4540, -32.2140

# Conversions

## Conversions Part 2

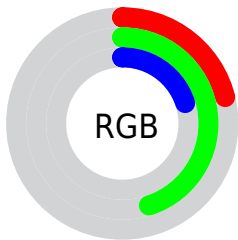
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 114, 113
Decimal	3502644
CIELab	42.82, -33.47, 28.22
CIElCh	43, 43.774, 139.863
Yxy	13.0394, 0.3061, 0.4924
Android (android.graphics.Color)	4281692724 (0xFF357234)
YUV	88.6930, -18.0896, -31.3028
Hunter-Lab	36.1102, -23.1264, 16.5118

# Details

The Hex color **357234** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **713472**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **69A764**, and **004105** is the 20% darker color. If you saturate the color by 10%, you get **2A7229**, and if you desaturate by 10%, it is **40723F**.

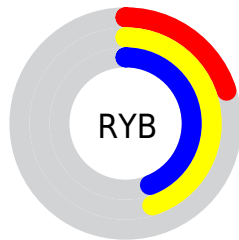
# Distribution



Red (21%)

Green (45%)

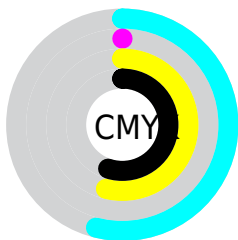
Blue (20%)



Red (20%)

Yellow (45%)

Blue (44%)

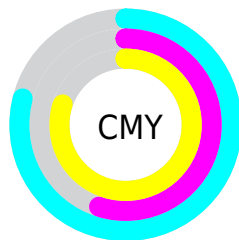


Cyan (54%)

Magenta (0%)

Yellow (54%)

Black (55%)



Cyan (79%)

Magenta (55%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 357234 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 357234 by changing the saturation by 10% instead.



 357234

 357234

FFFFFF

 1A591D

 69A764

 004105

 83C27E

 002A00

 9FDE98

 001200

 BAFBB3

 000000

 D7FFCE

 F4FFEB

 357234

 357234

 2A7229

 40723F

■ 1F721D

■ 4B724B

■ 137212

■ 577256

■ 087206

■ 627262

■ 027200

■ 6D726D

■ 787278

■ 847284

■ 8F728F

■ 9A729B

# Harmonies

## Analogous

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



616B1A



357234



007657

# Triad

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



357234



006DAC



A7454F

# Complementary

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



357234



713472

# 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.



A14573



357234



5061A9

# Square

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



357234



00749C



855194



9B512F

# Rectangle

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



357234



007770



855194



A7435B



# Sweetspot

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



357234



7D947C



727134



3C4A3C



C9C9C9



4A4A4A



# Same Dimension

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



357234



359434



347252



333832



027800



04F700



# Inverse Universe

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



713472



923494



723454



383238



760078



F300F7



# Previews

## White Background



This preview shows how the Hex color 357234 looks on a white background.

## Color Contrast Check

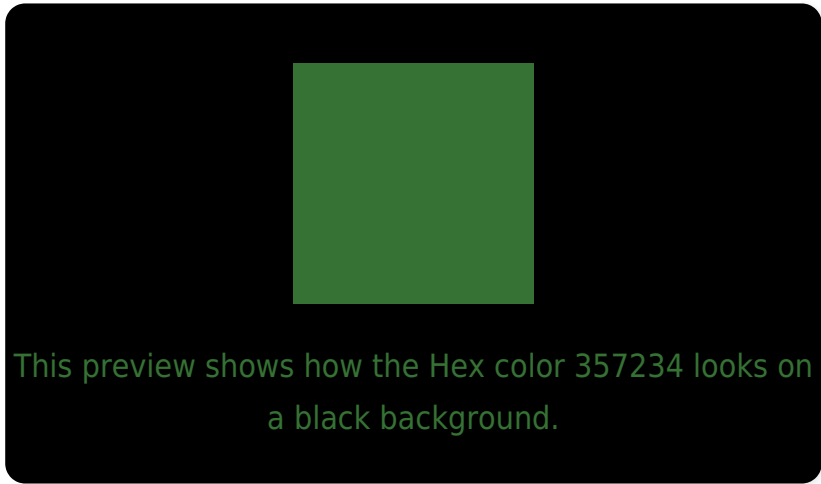
Large Text (above 18pt) WCAG AA ✓ Pass

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

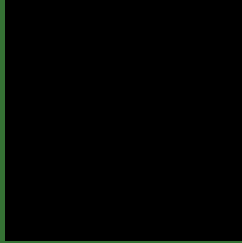
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 357234 Background



This preview shows how black text looks on a background with the Hex color 357234.



This preview shows how white text looks on a background with the Hex color 357234.

# 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**  
357234

**Protanopia**  
6F6530

**Deuteranopia**  
7B6039



**Tritanopia**  
436B74

# Trichromacy



**Original Color**  
357234

**Protanomaly**  
5A6A31

**Deuteranomaly**  
626737

**Tritanomaly**  
3E6E5D

# Monochromacy



**Original Color**  
357234

**Achromatopsia**  
595959

**Achromatomaly**  
4C624C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 357234 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 #357234 looks like.

```
.text, #text, p{  
    color:#357234  
}
```

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 #357234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357234
}
```

## Border

The CSS property to change the border of an element to Hex 357234 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
#357234 }
```

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

```
.border{ border-color:#357234 }
```

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

Here you see how a box with a 4 pixel #357234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357234; -webkit-box-shadow:4px 4px  
4px 4px #357234; box-shadow:4px 4px 4px  
4px #357234 }
```

# Background

The CSS property to change the background color of an element to Hex 357234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357234 }
```

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

```
.background{ background-color:#357234 }
```

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