

Converting Colors

Hex(357236)

Have a look what the booklet for
Hex(357236) contains.

Hex(357236)	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(357236)

Conversions

Conversions Part 1

Format	Color
Hex	357236
RGB	53, 114, 54
RGB Percent	21%, 45%, 21%
CMY	0.7922, 0.5529, 0.7882
CMYK	0.54, 0.00, 0.53, 0.55
HSL	121°, 37%, 33%
HSV	121°, 54%, 45%
XYZ	8.1514, 13.0579, 5.5808
YIQ	88.9210, -17.0960, -31.5920

Conversions

Conversions Part 2

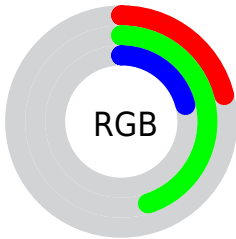
Format	Color
RYB	53, 113, 114
Decimal	3502646
CIELab	42.85, -33.17, 27.17
CIElCh	43, 42.879, 140.674
Yxy	13.0579, 0.3043, 0.4874
Android (android.graphics.Color)	4281692726 (0xFF357236)
YUV	88.9210, -17.2161, -31.5027
Hunter-Lab	36.1357, -22.9719, 16.1382

Details

The Hex color **357236** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **723571**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **69A666**, and **004108** is the 20% darker color. If you saturate the color by 10%, you get **2A722B**, and if you desaturate by 10%, it is **407241**.

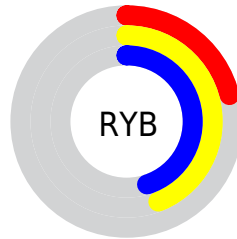
Distribution



Red (21%)

Green (45%)

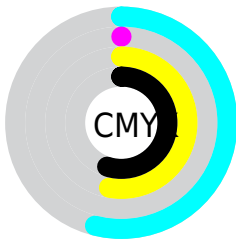
Blue (21%)



Red (21%)

Yellow (44%)

Blue (45%)

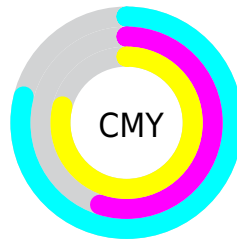


Cyan (54%)

Magenta (0%)

Yellow (53%)

Black (55%)



Cyan (79%)

Magenta (55%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357236 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 357236 by changing the saturation by 10% instead.

 357236

 357236

FFFFFF

 1A591F

 69A666

 004108

 83C280

 002A00

 9EDE9A

 001200

 BAFBB5

 000000

 D6FFD1

 F3FFED

 357236

 357236

 2A722B

 407241

■ 1E7220

■ 4C724C

■ 137214

■ 577258

■ 077209

■ 637263

■ 007202

■ 6E726E

■ 797279

■ 857284

■ 907290

■ 9C729B

Harmonies

Analogous

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



606B1D



357236



007659

Triad

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



357236



006CAB



A6464E

Complementary

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



357236



723571

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.



A04672



357236



5260A8

Square

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



357236



00749B



855193



9A522F

Rectangle

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



357236



007671



855193



A6455A

Sweetspot

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



357236



7C947D



727235



3C4A3C



C9C9C9



4A4A4A

Same Dimension

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



357236



359437



357254



323833



007802



00F704

Inverse Universe

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



723571



943592



723554



383238



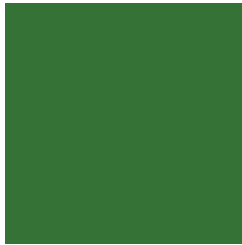
780076



F700F3

Previews

White Background



This preview shows how the Hex color 357236 looks on a white background.

Color Contrast Check

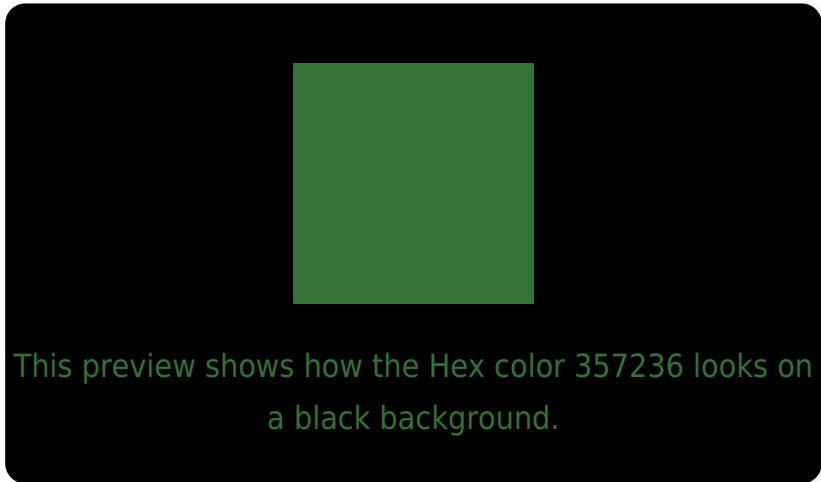
Large Text (above 18pt) WCAG AA ✓ Pass

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

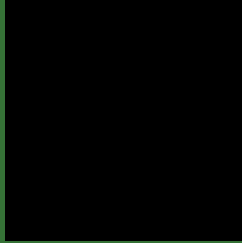
Any Text WCAG AA × Fail

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 357236 Background



This preview shows how black text looks on a background with the Hex color 357236.



This preview shows how white text looks on a background with the Hex color 357236.

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
357236

Protanopia
6F6532

Deuteranopia
7A603B



Tritanopia
436B74

Trichromacy



Original Color
357236

Protanomaly
5A6A33

Deuteranomaly
616739

Tritanomaly
3E6E5D

Monochromacy



Original Color
357236

Achromatopsia
595959

Achromatomaly
4C624C

CSS Examples

Text

The CSS property to change the color of the text to Hex 357236 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 #357236 looks like.

```
.text, #text, p{  
    color:#357236  
}
```

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 #357236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357236
}
```

Border

The CSS property to change the border of an element to Hex 357236 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".

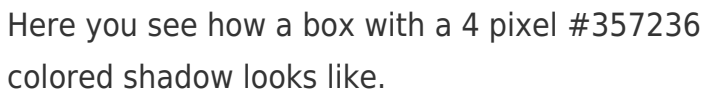
```
.border, #border, table{ border:4px solid
#357236 }
```

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

```
.border{ border-color:#357236 }
```

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

Here you see how a box with a 4 pixel #357236 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357236; -webkit-box-shadow:4px 4px  
4px 4px #357236; box-shadow:4px 4px 4px  
4px #357236 }
```

Background

The CSS property to change the background color of an element to Hex 357236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357236 }
```

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

```
.background{ background-color:#357236 }
```

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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