

Converting Colors

Hex(355237)

Have a look what the booklet for
Hex(355237) contains.

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Color

Hex(355237)

Conversions

Conversions Part 1

Format	Color
Hex	355237
RGB	53, 82, 55
RGB Percent	21%, 32%, 22%
CMY	0.7922, 0.6784, 0.7843
CMYK	0.35, 0.00, 0.33, 0.68
HSL	124°, 21%, 26%
HSV	124°, 35%, 32%
XYZ	5.1751, 7.0673, 4.7058
YIQ	70.2510, -8.6170, -14.5450

Conversions

Conversions Part 2

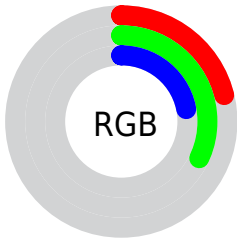
Format	Color
RYB	53, 80, 82
Decimal	3494455
CIELab	31.96, -17.21, 12.50
CIELCh	32, 21.275, 144.009
Yxy	7.0673, 0.3053, 0.4170
Android (android.graphics.Color)	4281684535 (0xFF355237)
YUV	70.2510, -7.5187, -15.1291
Hunter-Lab	26.5844, -11.7748, 8.1139

Details

The Hex color **355237** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **523550**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **658466**, and **09250C** is the 20% darker color. If you saturate the color by 10%, you get **2D522F**, and if you desaturate by 10%, it is **3D523F**.

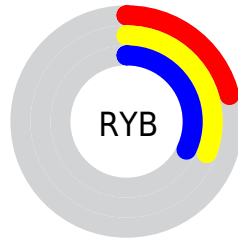
Distribution



 Red (21%)

 Green (32%)

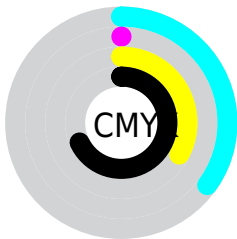
 Blue (22%)




 Red (21%)

 Yellow (31%)

 Blue (32%)

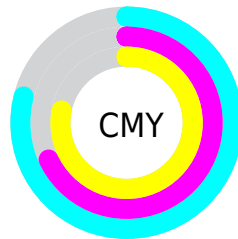


 Cyan (35%)

 Magenta (0%)

 Yellow (33%)

 Black (68%)



 Cyan (79%)

 Magenta (68%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355237 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 355237 by changing the saturation by 10% instead.

■ 355237

■ 355237

FFFFFF

■ 1F3B21

■ 658466

■ 09250C

■ 7E9E7F

■ 000D00

■ 98B999

■ 000000

■ B3D4B4

■ CFF1CF

■ EBFEC

■ 355237

■ 355237

■ 2D522F

■ 3D523F

■ 255228

■ 455246

■ 1C5220

■ 4E524E

■ 145218

■ 565256

■ 0C5211

■ 5E525D

■ 045209

■ 665265

■ 005206

■ 6E526C

■ 775274

■ 7F527C

Harmonies

Analogous

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



484E2C



355237



1F5447

Triad

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



355237



2D4E6C



6C3F3E

Complementary

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



355237



523550

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.



693E4F



355237



48486A

Square

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



355237



0E5266



5D425F



664331

Rectangle

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



355237



0D5453



5D425F



6C3E44

Sweetspot

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



355237



5F6B60



505235



2F362F



B5B5B5



363636

Same Dimension

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



355237



3E6B41



355245



252925



006907



00E810

Inverse Universe

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



523550



6B3E68



523542



292529



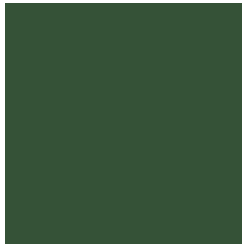
690061



E800D8

Previews

White Background



This preview shows how the Hex color 355237 looks on a white background.

Color Contrast Check

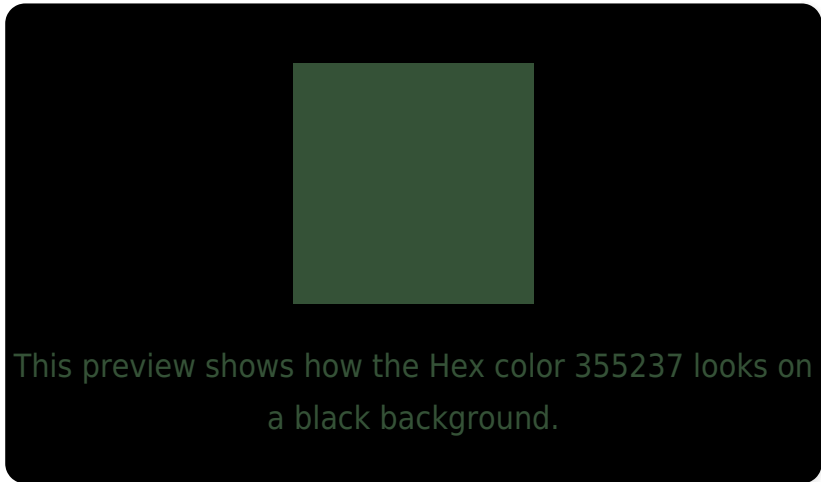
Large Text (above 18pt) WCAG AA ✓ Pass

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

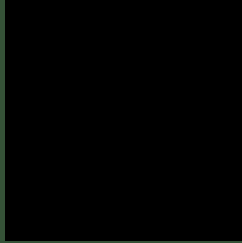
Any Text WCAG AA × Fail

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 355237 Background



This preview shows how black text looks on a background with the Hex color 355237.



This preview shows how white text looks on a background with the Hex color 355237.

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](#).

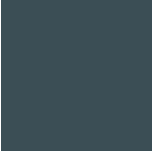
Dichromacy



Original Color
355237

Protanopia
514B34

Deuteranopia
584839



Tritanopia
3B4E55

Trichromacy



Original Color
355237

Protanomaly
474E35

Deuteranomaly
4B4C38

Tritanomaly
394F4A

Monochromacy



Original Color
355237

Achromatopsia
464646

Achromatomaly
404A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 355237 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 #355237 looks like.

```
.text, #text, p{  
    color:#355237  
}
```

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 #355237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355237
}
```

Border

The CSS property to change the border of an element to Hex 355237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

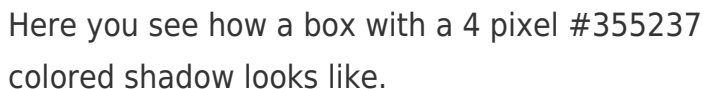
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#355237 }
```

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

```
.border{ border-color:#355237 }
```

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



Here you see how a box with a 4 pixel #355237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355237; -webkit-box-shadow:4px 4px  
4px 4px #355237; box-shadow:4px 4px 4px  
4px #355237 }
```

Background

The CSS property to change the background color of an element to Hex 355237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355237 }
```

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

```
.background{ background-color:#355237 }
```

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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