

Converting Colors

Hex(355933)

Have a look what the booklet for
Hex(355933) contains.

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Color

Hex(355933)

Conversions

Conversions Part 1

Format	Color
Hex	355933
RGB	53, 89, 51
RGB Percent	21%, 35%, 20%
CMY	0.7922, 0.6510, 0.8000
CMYK	0.40, 0.00, 0.43, 0.65
HSL	117°, 27%, 27%
HSV	117°, 43%, 35%
XYZ	5.6381, 8.1407, 4.4061
YIQ	73.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

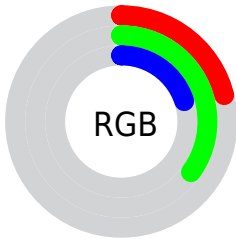
Format	Color
RYB	51, 89, 87
Decimal	3496243
CIELab	34.27, -21.70, 18.02
CIELCh	34, 28.203, 140.298
Yxy	8.1407, 0.3100, 0.4477
Android (android.graphics.Color)	4281686323 (0xFF355933)
YUV	73.9040, -11.2917, -18.3328
Hunter-Lab	28.5318, -14.6577, 10.8163

Details

The Hex color **355933** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573359**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **668B62**, and **072B06** is the 20% darker color. If you saturate the color by 10%, you get **2D592A**, and if you desaturate by 10%, it is **3D593C**.

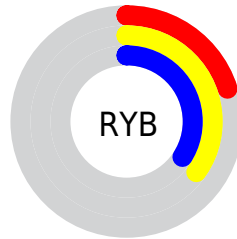
Distribution



Red (21%)

Green (35%)

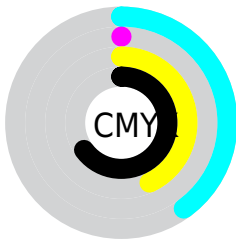
Blue (20%)



Red (20%)

Yellow (35%)

Blue (34%)

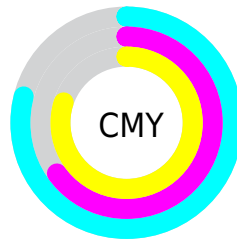


Cyan (40%)

Magenta (0%)

Yellow (43%)

Black (65%)



Cyan (79%)

Magenta (65%)

Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Hex color 355933 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 355933 by changing the saturation by 10% instead.

 355933

 355933

FFFFFF

 1E411D

 668B62

 072B06

 7FA67B

 001800

 99C195

 000000

 B5DDB0

 D0FACB

 EDFFE7

 355933

 355933

 2D592A

 3D593C

■ 245921

■ 465945

■ 1C5918

■ 4E594E

■ 13590F

■ 575957

■ 0B5907

■ 5F5960

■ 055900

■ 685968

■ 705971

■ 78597A

■ 815983

Harmonies

Analogous

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



4F5425



355933



0C5C48

Triad

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



355933



15557C



7B3F42

Complementary

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



355933



573359

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.



773F59



355933



474E7B

Square

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



355933



005A72



65456D



74452F

Rectangle

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



355933



005C58



65456D



7B3E4A

Sweetspot

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



355933



657364



595633



323B31



BABABA



3B3B3B

Same Dimension

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



355933



3B7338



335943



272B27



066B00



0CEB00

Inverse Universe

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



573359



703873



593349



2B272B



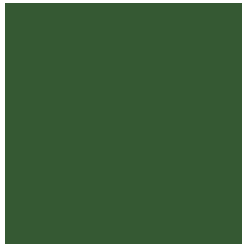
65006B



DE00EB

Previews

White Background



This preview shows how the Hex color 355933 looks on a white background.

Color Contrast Check

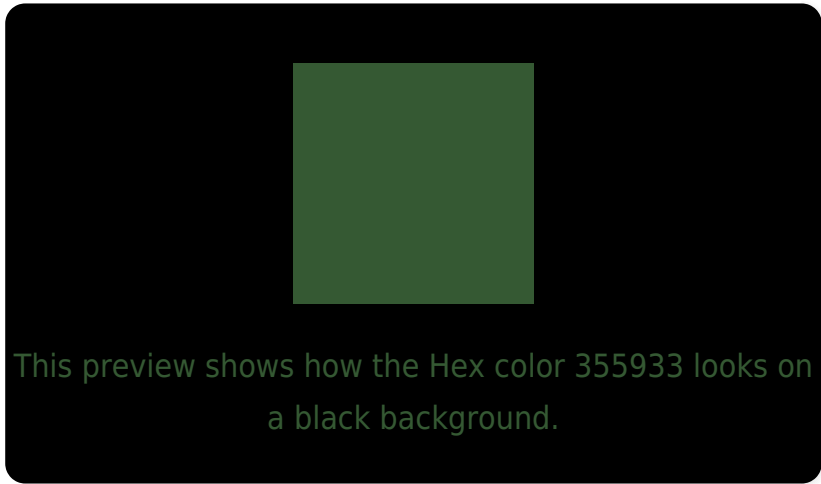
Large Text (above 18pt) WCAG AA ✓ Pass

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

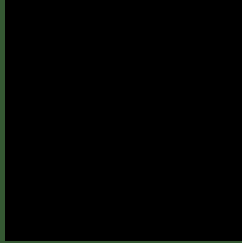
Any Text WCAG AA × Fail

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 355933 Background



This preview shows how black text looks on a background with the Hex color 355933.



This preview shows how white text looks on a background with the Hex color 355933.

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](#).

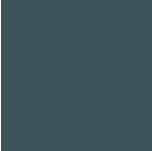
Dichromacy



Original Color
355933

Protanopia
585030

Deuteranopia
604D36



Tritanopia
3D545B

Trichromacy



Original Color
355933

Protanomaly
4B5331

Deuteranomaly
505135

Tritanomaly
3A564C

Monochromacy



Original Color
355933

Achromatopsia
4A4A4A

Achromatomaly
424F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 355933 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 #355933 looks like.

```
.text, #text, p{  
    color:#355933  
}
```

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 #355933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355933  
}
```

Border

The CSS property to change the border of an element to Hex 355933 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  
#355933 }
```

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

```
.border{ border-color:#355933 }
```

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

Here you see how a box with a 4 pixel #355933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355933; -webkit-box-shadow:4px 4px  
4px 4px #355933; box-shadow:4px 4px 4px  
4px #355933 }
```

Background

The CSS property to change the background color of an element to Hex 355933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355933 }
```

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

```
.background{ background-color:#355933 }
```

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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