

Converting Colors

Hex(358335)

Have a look what the booklet for
Hex(358335) contains.

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Color

Hex(358335)

Conversions

Conversions Part 1

Format	Color
Hex	358335
RGB	53, 131, 53
RGB Percent	21%, 51%, 21%
CMY	0.7922, 0.4863, 0.7922
CMYK	0.60, 0.00, 0.60, 0.49
HSL	120°, 42%, 36%
HSV	120°, 60%, 51%
XYZ	10.2271, 17.2465, 6.1580
YIQ	98.7860, -21.4500, -40.7940

Conversions

Conversions Part 2

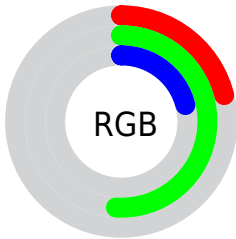
Format	Color
RYB	53, 131, 131
Decimal	3506997
CIELab	48.57, -40.50, 34.56
CIElCh	49, 53.238, 139.527
Yxy	17.2465, 0.3041, 0.5128
Android (android.graphics.Color)	4281697077 (0xFF358335)
YUV	98.7860, -22.5725, -40.1543
Hunter-Lab	41.5289, -28.7174, 20.2785

Details

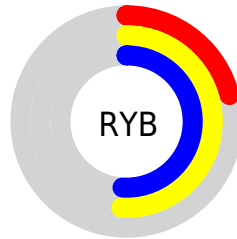
The Hex color **358335** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **833583**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6CB966**, and **005003** is the 20% darker color. If you saturate the color by 10%, you get **288328**, and if you desaturate by 10%, it is **428342**.

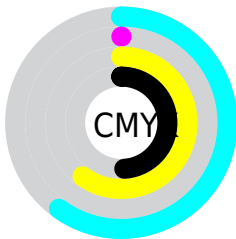
Distribution



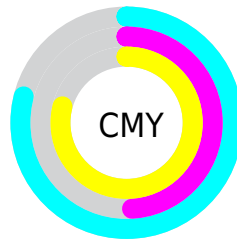
- Red (21%)
- Green (51%)
- Blue (21%)



- Red (21%)
- Yellow (51%)
- Blue (51%)



- Cyan (60%)
- Magenta (0%)
- Yellow (60%)
- Black (49%)



- Cyan (79%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358335 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 358335 by changing the saturation by 10% instead.



358335



358335

FFFFFF



15691D



6CB966



005003



87D580



003900



A3F19A



002400



BFFFB6



000000



DCFFD2



F9FFEE



358335



358335



288328



428342

■ 1B831B

■ 4F834F

■ 0E830E

■ 5C835C

■ 018301

■ 698369

■ 008300

■ 778377

■ 848384

■ 918391

■ 9E839E

■ AB83AB

Harmonies

Analogous

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



6E7A10



358335



008861

Triad

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



358335



007DCC



C44958

Complementary

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



358335



833583

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.



BC4985



358335



546EC9

Square

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



358335



0086B7



9A5AAE



B6592F

Rectangle

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



358335



008981



9A5AAE



C44767

Sweetspot

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



358335



8CAB8C



838335



445744



D6D6D6



575757

Same Dimension

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



358335



32AB32



35835C



3C423C



008200



000300

Inverse Universe

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



833583



AB32AB



83355C



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 358335 looks on a white background.

Color Contrast Check

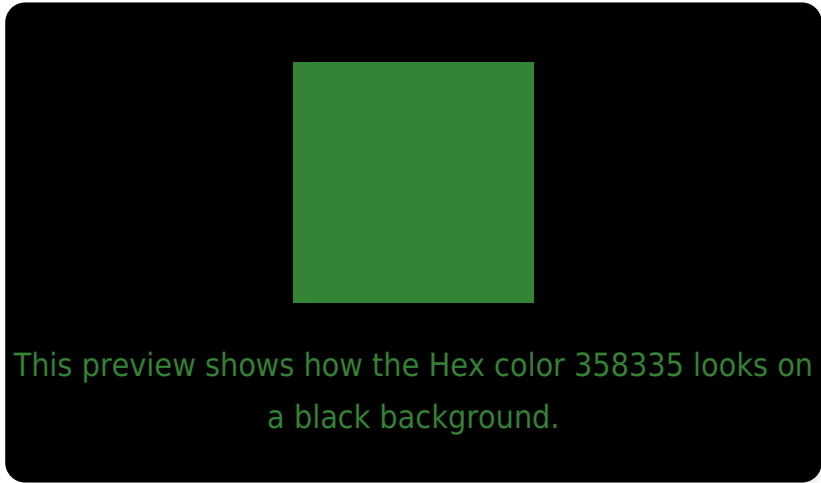
Large Text (above 18pt) WCAG AA ✓ Pass

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 358335 Background



This preview shows how black text looks on a background with the Hex color 358335.



This preview shows how white text looks on a background with the Hex color 358335.

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





Tritanopia
487B85

Trichromacy



Original Color
358335

Protanomaly
657932

Deuteranomaly
6D7539

Tritanomaly
417E68

Monochromacy



Original Color
358335

Achromatopsia
636363

Achromatomaly
526F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 358335 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 #358335 looks like.

```
.text, #text, p{  
    color:#358335  
}
```

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 #358335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358335
}
```

Border

The CSS property to change the border of an element to Hex 358335 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
#358335 }
```

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

```
.border{ border-color:#358335 }
```

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

Here you see how a box with a 4 pixel #358335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358335; -webkit-box-shadow:4px 4px  
4px 4px #358335; box-shadow:4px 4px 4px  
4px #358335 }
```

Background

The CSS property to change the background color of an element to Hex 358335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358335 }
```

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

```
.background{ background-color:#358335 }
```

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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