

Converting Colors

Hex(358000)

Have a look what the booklet for
Hex(358000) contains.

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Color

Hex(358000)

Conversions

Conversions Part 1

Format	Color
Hex	358000
RGB	53, 128, 0
RGB Percent	21%, 50%, 0%
CMY	0.7922, 0.4980, 1.0000
CMYK	0.59, 0.00, 1.00, 0.50
HSL	95°, 100%, 25%
HSV	95°, 100%, 50%
XYZ	9.1874, 16.1952, 2.6418
YIQ	90.9830, -3.6120, -55.7080

Conversions

Conversions Part 2

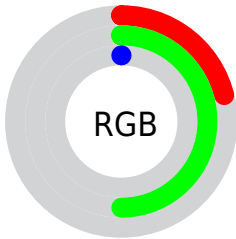
Format	Color
RYB	0, 128, 75
Decimal	3506176
CIELab	47.23, -43.07, 51.12
CIELCh	47, 66.845, 130.119
Yxy	16.1952, 0.3278, 0.5779
Android (android.graphics.Color)	4281696256 (0xFF358000)
YUV	90.9830, -44.8546, -33.3111
Hunter-Lab	40.2433, -29.6750, 24.2782

Details

The Hex color **358000** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4B0080**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6DB640**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **358000**, and if you desaturate by 10%, it is **3D800D**.

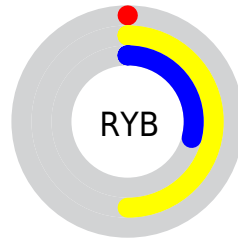
Distribution



Red (21%)

Green (50%)

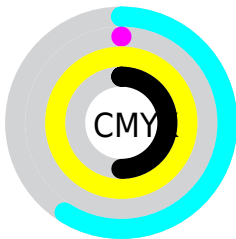
Blue (0%)



Red (0%)

Yellow (50%)

Blue (29%)

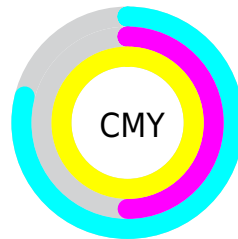


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (79%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358000 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 358000 by changing the saturation by 10% instead.

 358000

 358000

FFFFFF

 136600

 6DB640

 004E00

 89D15A

 003600

 A5EE75

 002100

 C2FF90

 000000

 DFFFAB

 FCFFC7

 FFFFE4

 358000

 3D800D

 44801A

 4C8026

 538033

 5B8040

 62804D

 6A805A

 718066

 798073

Harmonies

Analogous

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



767400



358000



008647

Triad

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



358000



0080DA



D22A60

Complementary

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



358000



4B0080

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.



C03798



358000



0071E0

Square

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



358000



0087B8



8857C7



C64329

Rectangle

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



358000



00886F



8857C7



CF2A72

Sweetspot

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



358000



89A674



804B00



425436



D4D4D4



545454

Same Dimension

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



358000



45A600



00800B



3C4039



000000

Inverse Universe

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



4B0080



6100A6



800075



3D3940



000000

Previews

White Background



This preview shows how the Hex color 358000 looks on a white background.

Color Contrast Check

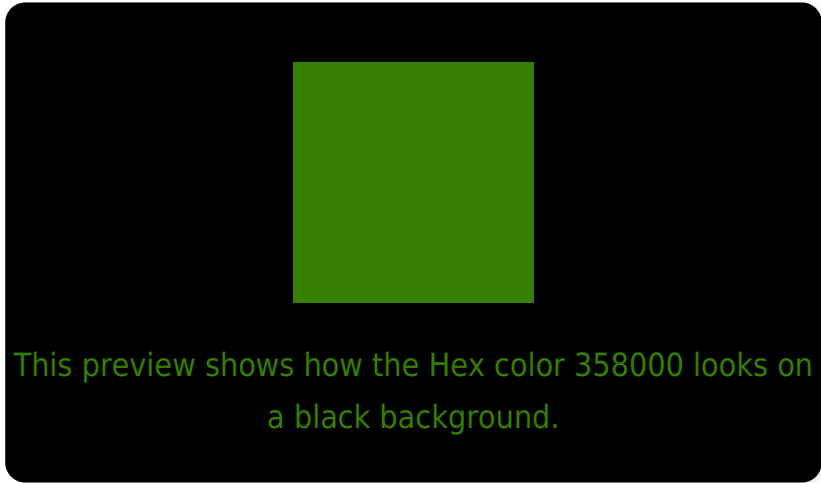
Large Text (above 18pt) WCAG AA ✓ Pass

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 358000 Background



This preview shows how black text looks on a background with the Hex color 358000.



This preview shows how white text looks on a background with the Hex color 358000.

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
358000

Protanopia
7E7000

Deuteranopia
8C6A1B



Tritanopia
497781

Trichromacy



Original Color
358000

Protanomaly
637600

Deuteranomaly
6C7211

Tritanomaly
427A52

Monochromacy



Original Color
358000

Achromatopsia
5B5B5B

Achromatomaly
4D683A

CSS Examples

Text

The CSS property to change the color of the text to Hex 358000 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 #358000 looks like.

```
.text, #text, p{  
    color:#358000  
}
```

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 #358000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358000
}
```

Border

The CSS property to change the border of an element to Hex 358000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

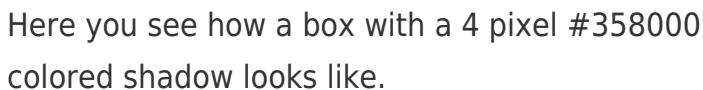
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#358000 }
```

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

```
.border{ border-color:#358000 }
```

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



Here you see how a box with a 4 pixel #358000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358000; -webkit-box-shadow:4px 4px  
4px 4px #358000; box-shadow:4px 4px 4px  
4px #358000 }
```

Background

The CSS property to change the background color of an element to Hex 358000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358000 }
```

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

```
.background{ background-color:#358000 }
```

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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