

Converting Colors

Hex(358437)

Have a look what the booklet for
Hex(358437) contains.

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Color

Hex(358437)

Conversions

Conversions Part 1

Format	Color
Hex	358437
RGB	53, 132, 55
RGB Percent	21%, 52%, 22%
CMY	0.7922, 0.4824, 0.7843
CMYK	0.60, 0.00, 0.58, 0.48
HSL	122°, 43%, 36%
HSV	122°, 60%, 52%
XYZ	10.4091, 17.5352, 6.4505
YIQ	99.6010, -22.3670, -40.6950

Conversions

Conversions Part 2

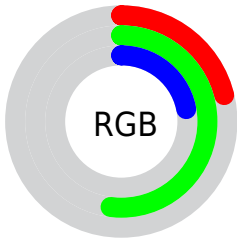
Format	Color
RYB	53, 130, 132
Decimal	3507255
CIELab	48.93, -40.64, 33.98
CIELCh	49, 52.974, 140.103
Yxy	17.5352, 0.3026, 0.5098
Android (android.graphics.Color)	4281697335 (0xFF358437)
YUV	99.6010, -21.9883, -40.8691
Hunter-Lab	41.8751, -28.9110, 20.1795

Details

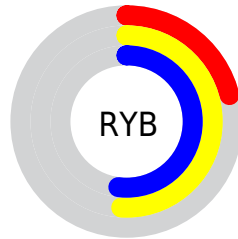
The Hex color **358437** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **843582**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6CBA68**, and **005105** is the 20% darker color. If you saturate the color by 10%, you get **28842A**, and if you desaturate by 10%, it is **428444**.

Distribution



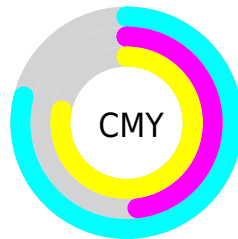
- Red (21%)
- Green (52%)
- Blue (22%)



- Red (21%)
- Yellow (51%)
- Blue (52%)



- Cyan (60%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358437 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 358437 by changing the saturation by 10% instead.



358437



358437

FFFFFF



156A1F



6CBA68



005105



87D682



003900



A3F39D



002500



BFFFB8



000000



DCFFD4



F9FFF0



358437



358437



28842A



428444

■ 1B841D

■ 4F8451

■ 0D8410

■ 5D845E

■ 008404

■ 6A846A

■ 008403

■ 778477

■ 848484

■ 918491

■ 9F849E

■ AC84AB

Harmonies

Analogous

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



6E7B13



358437



008863

Triad

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



358437



007ECD



C54B58

Complementary

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



358437



843582

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.



BE4A85



358437



576FC9

Square

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



358437



0086B8



9C5BAE



B65A30

Rectangle

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



358437



008983



9C5BAE



C54867

Sweetspot

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



358437



8CAB8D



838435



445744



D6D6D6



575757

Same Dimension

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



358437



30AB33



35845E



3C423C



008203



000300

Inverse Universe

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



843582



AB30A8



84355B



423C42



82007F



030002

Previews

White Background



This preview shows how the Hex color 358437 looks on a white background.

Color Contrast Check

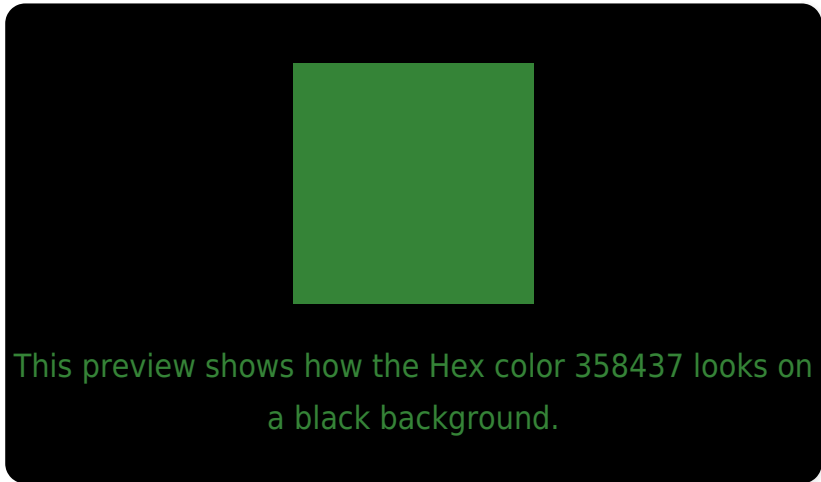
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 358437 Background



This preview shows how black text looks on a background with the Hex color 358437.



This preview shows how white text looks on a background with the Hex color 358437.

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
358437

Protanopia
807432

Deuteranopia
8E6E3D



Tritanopia
487C86

Trichromacy



Original Color
358437



Protanomaly
657A34



Deuteranomaly
6E763B



Tritanomaly
417F69

Monochromacy



Original Color
358437



Achromatopsia
646464



Achromatomaly
537054

CSS Examples

Text

The CSS property to change the color of the text to Hex 358437 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 #358437 looks like.

```
.text, #text, p{  
    color:#358437  
}
```

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 #358437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358437
}
```

Border

The CSS property to change the border of an element to Hex 358437 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
#358437 }
```

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

```
.border{ border-color:#358437 }
```

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

Here you see how a box with a 4 pixel #358437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358437; -webkit-box-shadow:4px 4px  
4px 4px #358437; box-shadow:4px 4px 4px  
4px #358437 }
```

Background

The CSS property to change the background color of an element to Hex 358437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358437 }
```

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

```
.background{ background-color:#358437 }
```

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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