

Converting Colors

Hex(358475)

Have a look what the booklet for
Hex(358475) contains.

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Color

Hex(358475)

Conversions

Conversions Part 1

Format	Color
Hex	358475
RGB	53, 132, 117
RGB Percent	21%, 52%, 46%
CMY	0.7922, 0.4824, 0.5412
CMYK	0.60, 0.00, 0.11, 0.48
HSL	169°, 43%, 36%
HSV	169°, 60%, 52%
XYZ	12.9303, 18.5438, 19.7274
YIQ	106.6690, -42.2690, -21.4130

Conversions

Conversions Part 2

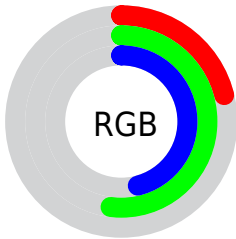
Format	Color
R_{YB}	53, 97, 132
Decimal	3507317
CIE _{Lab}	50.15, -27.97, 0.88
CIE _{LCh}	50, 27.985, 178.199
Yxy	18.5438, 0.2525, 0.3622
Android (android.graphics.Color)	4281697397 (0xFF358475)
YUV	106.6690, 5.0932, -47.0677
Hunter-Lab	43.0625, -21.7612, 2.9823




Details

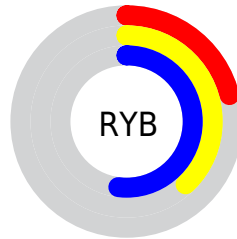
The Hex color **358475** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **843544**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **6CBAA9**, and **005245** is the 20% darker color. If you saturate the color by 10%, you get **288472**, and if you desaturate by 10%, it is **428478**.

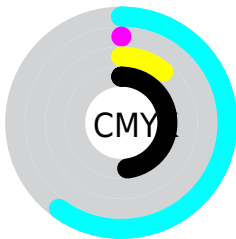
Distribution







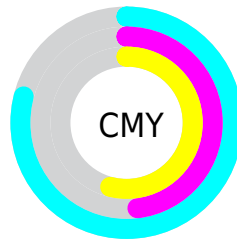
-  Red (21%)
-  Green (52%)
-  Blue (46%)






-  Red (21%)
-  Yellow (38%)
-  Blue (52%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (48%)



-  Cyan (79%)
-  Magenta (48%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358475 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 358475 by changing the saturation by 10% instead.

 358475

 358475

FFFFFF

 156A5C

 6CBAA9

 005245

 87D5C4

 003A2F

 A3F2E0

 00251A

 BFFFFD

 000100

 DCFFFF

 000000

 F9FFFF

 358475

 358475

 288472

 428478

■ 1B8470

■ 4F847A

■ 0D846D

■ 5D847D

■ 00846B

■ 6A847F

■ 778482

■ 848484

■ 918487

■ 9F8489

■ AC848C

Harmonies

Analogous

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



54825D



358475



1A848D

Triad

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



358475



7872A1



9B6D50

Complementary

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



358475



843544

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.



A56762



358475



946A91

Square

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



358475



537AA7



A3657A



887547

Rectangle

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



358475



20829A



A3657A



A06B55

Sweetspot

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



358475



8CABA5



458435



445753



D6D6D6



575757

Same Dimension

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



358475



30AB93



356C84



3C4241



008269



000302

Inverse Universe

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



843544



AB3047



844D35



423C3D



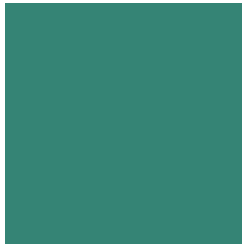
820019



030000

Previews

White Background



This preview shows how the Hex color 358475 looks on a white background.

Color Contrast Check

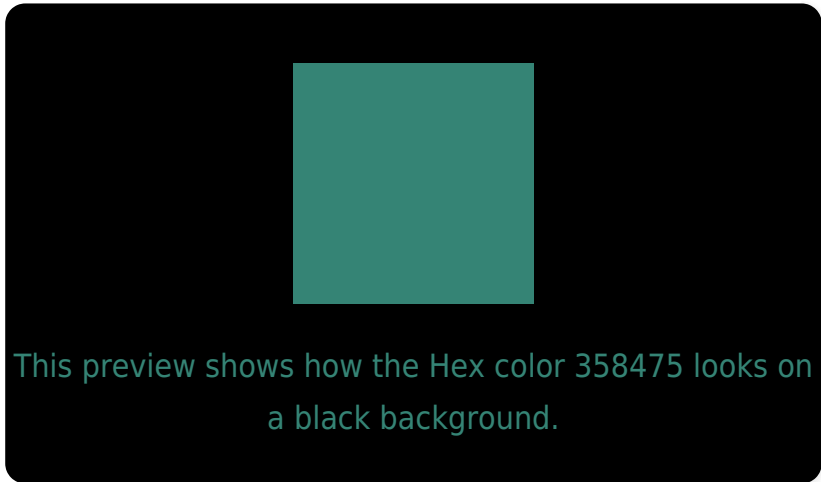
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

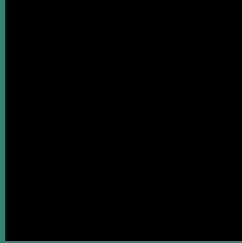
Any Text WCAG AA ✓ Pass

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 358475 Background



This preview shows how black text looks on a background with the Hex color 358475.

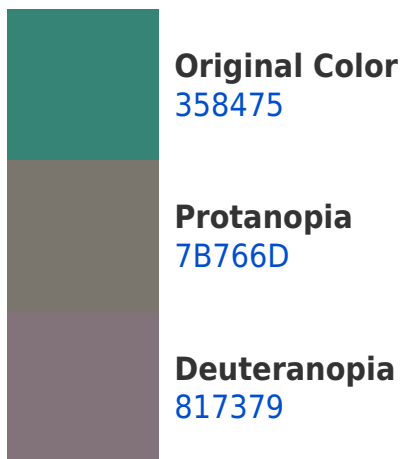


This preview shows how white text looks on a background with the Hex color 358475.

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
3E818B

Trichromacy



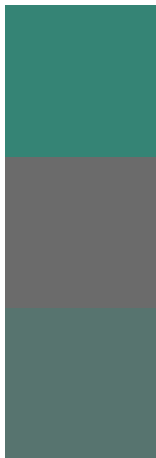
Original Color
358475

Protanomaly
627B70

Deuteranomaly
657978

Tritanomaly
3B8283

Monochromacy



Original Color
358475

Achromatopsia
6B6B6B

Achromatomaly
57746F

CSS Examples

Text

The CSS property to change the color of the text to Hex 358475 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 #358475 looks like.

```
.text, #text, p{  
    color:#358475  
}
```

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 #358475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358475  
}
```

Border

The CSS property to change the border of an element to Hex 358475 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  
#358475 }
```

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

```
.border{ border-color:#358475 }
```

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

Here you see how a box with a 4 pixel #358475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358475; -webkit-box-shadow:4px 4px  
4px 4px #358475; box-shadow:4px 4px 4px  
4px #358475 }
```

Background

The CSS property to change the background color of an element to Hex 358475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358475 }
```

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

```
.background{ background-color:#358475 }
```

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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