

Converting Colors

Hex(357859)

Have a look what the booklet for
Hex(357859) contains.

Hex(357859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(357859)

Conversions

Conversions Part 1

Format	Color
Hex	357859
RGB	53, 120, 89
RGB Percent	21%, 47%, 35%
CMY	0.7922, 0.5294, 0.6510
CMYK	0.56, 0.00, 0.26, 0.53
HSL	152°, 39%, 34%
HSV	152°, 56%, 47%
XYZ	9.9878, 14.9111, 11.8029
YIQ	96.4330, -29.9810, -23.8450

Conversions

Conversions Part 2

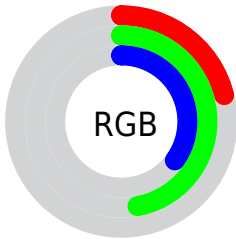
Format	Color
RYB	53, 97, 120
Decimal	3504217
CIELab	45.51, -29.19, 10.69
CIELCh	46, 31.089, 159.880
Yxy	14.9111, 0.2721, 0.4063
Android (android.graphics.Color)	4281694297 (0xFF357859)
YUV	96.4330, -3.6645, -38.0907
Hunter-Lab	38.6149, -21.4066, 8.9080

Details

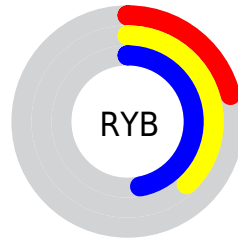
The Hex color **357859** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **783554**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **69AD8B**, and **00472B** is the 20% darker color. If you saturate the color by 10%, you get **297853**, and if you desaturate by 10%, it is **41785F**.

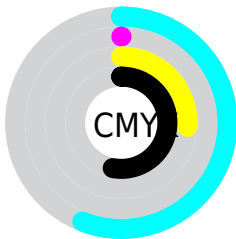
Distribution



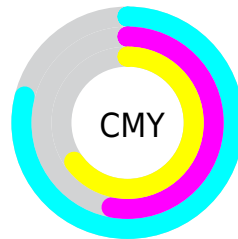
- Red (21%)
- Green (47%)
- Blue (35%)



- Red (21%)
- Yellow (38%)
- Blue (47%)



- Cyan (56%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



- Cyan (79%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357859 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 357859 by changing the saturation by 10% instead.

 357859

 357859

FFFFFF

 195F42

 69AD8B

 00472B

 84C8A5

 003017

 9FE5C1

 001C00

 BBFFDC

 000000

 D7FFF9

 F4FFFF

 357859


 357859

 297853

 41785F

 1D784E

 4D7864


 117848

 59786A

 057843

 65786F

 007840

 717875

 7D787A

 897880

 957885

 A1788B

Harmonies

Analogous

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



577443



357859



007974

Triad

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



357859



526B9F



9A5B4C

Complementary

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



357859



783554

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.



9D5764



357859



796294

Square

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



357859



17739C



93597E



8B643B

Rectangle

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



357859



007985



93597E



9C5953

Sweetspot

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



357859



819C8F



547835



3F4F48



CFCFCF



4F4F4F

Same Dimension

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



357859



339C6B



357678



373D3A



007D43



00FC88

Inverse Universe

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



783554



9C3364



783735



3D373A



7D003A



FC0075

Previews

White Background



This preview shows how the Hex color 357859 looks on a white background.

Color Contrast Check

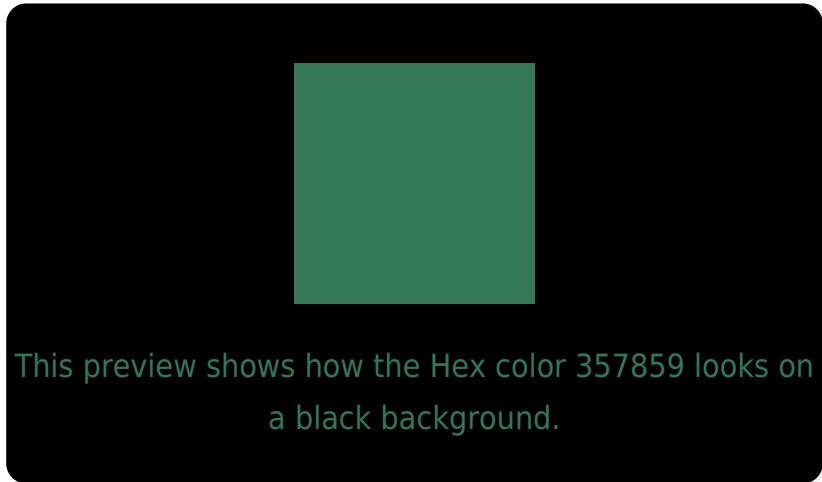
Large Text (above 18pt) WCAG AA ✓ Pass

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

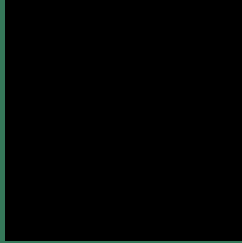
Any Text WCAG AA × Fail

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 357859 Background



This preview shows how black text looks on a background with the Hex color 357859.

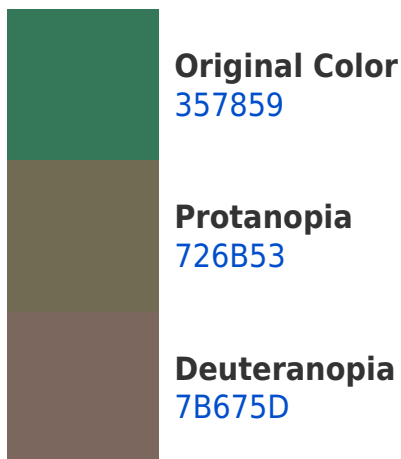


This preview shows how white text looks on a background with the Hex color 357859.

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](#).

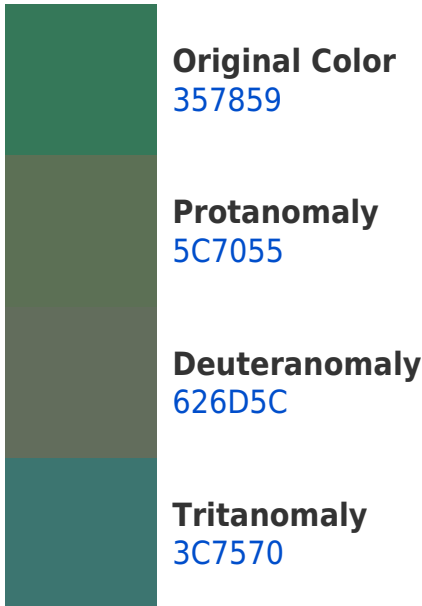
Dichromacy



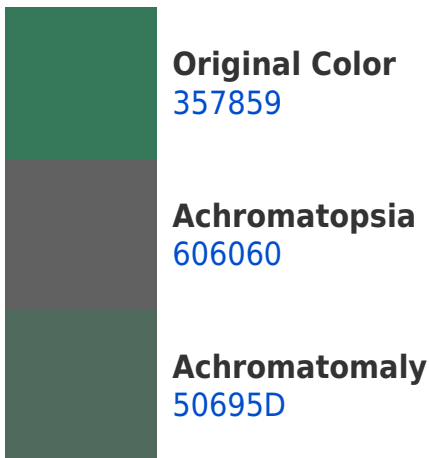


Tritanopia
40737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 357859 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 #357859 looks like.

```
.text, #text, p{  
    color:#357859  
}
```

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 #357859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357859
}
```

Border

The CSS property to change the border of an element to Hex 357859 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
#357859 }
```

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

```
.border{ border-color:#357859 }
```

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

Here you see how a box with a 4 pixel #357859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357859; -webkit-box-shadow:4px 4px  
4px 4px #357859; box-shadow:4px 4px 4px  
4px #357859 }
```

Background

The CSS property to change the background color of an element to Hex 357859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357859 }
```

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

```
.background{ background-color:#357859 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor