

# Converting Colors

Hex(35857D)

Have a look what the booklet for  
Hex(35857D) contains.

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# Color

**Hex(35857D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35857D
RGB	53, 133, 125
RGB Percent	21%, 52%, 49%
CMY	0.7922, 0.4784, 0.5098
CMYK	0.60, 0.00, 0.06, 0.48
HSL	174°, 43%, 36%
HSV	174°, 60%, 52%
XYZ	13.5574, 19.0126, 22.3573
YIQ	108.1680, -45.1120, -19.4480

# Conversions

## Conversions Part 2

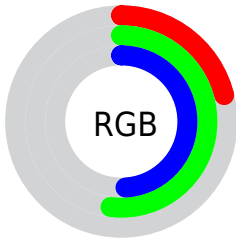
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 95, 133
Decimal	3507581
CIELab	50.70, -26.26, -2.99
CIElCh	51, 26.432, 186.491
Yxy	19.0126, 0.2468, 0.3461
Android (android.graphics.Color)	4281697661 (0xFF35857D)
YUV	108.1680, 8.2982, -48.3823
Hunter-Lab	43.6035, -20.8059, 0.1220

# Details

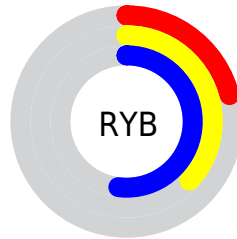
The Hex color **35857D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85353D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6CBBB2**, and **00534C** is the 20% darker color. If you saturate the color by 10%, you get **28857C**, and if you desaturate by 10%, it is **42857E**.

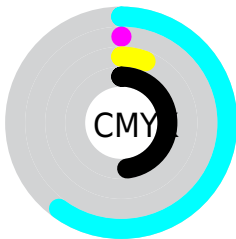
# Distribution



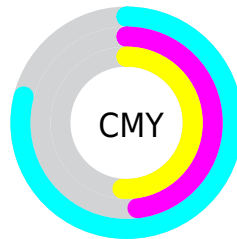
- Red (21%)
- Green (52%)
- Blue (49%)



- Red (21%)
- Yellow (37%)
- Blue (52%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35857D 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 35857D by changing the saturation by 10% instead.



 35857D

 35857D

FFFFFF

 146B64

 6CBBB2

 00534C

 88D6CD

 003B36

 A4F3E9

 002520

 C0FFFF

 00050A

 DDFFFF

 000000

 FAFFFF

 35857D

 35857D

 28857C

 42857E

■ 1A857A

■ 508580

■ 0D8579

■ 5D8581

■ 008578

■ 6A8582

■ 788584

■ 858585

■ 928586

■ 9F8588

■ AD8589

# Harmonies

## Analogous

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



508366



35857D



288493

# Triad

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



35857D



82719D



977150

# Complementary

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



35857D



85353D

# 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.



A36A5F



35857D



996A8B

# Square

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



35857D



6179A5



A46775



83794C

# Rectangle

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



35857D



34829E



A46775



9C6F54



# Sweetspot

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



35857D



8EADAA



3D8535



445755



D6D6D6



575757



# Same Dimension

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



35857D



31ADA1



356585



3C4242



008275



000302



# Inverse Universe

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



85353D



AD313D



855535



423C3C



82000D

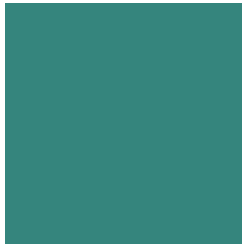


030000



# Previews

## White Background



This preview shows how the Hex color 35857D looks on a white background.

## Color Contrast Check

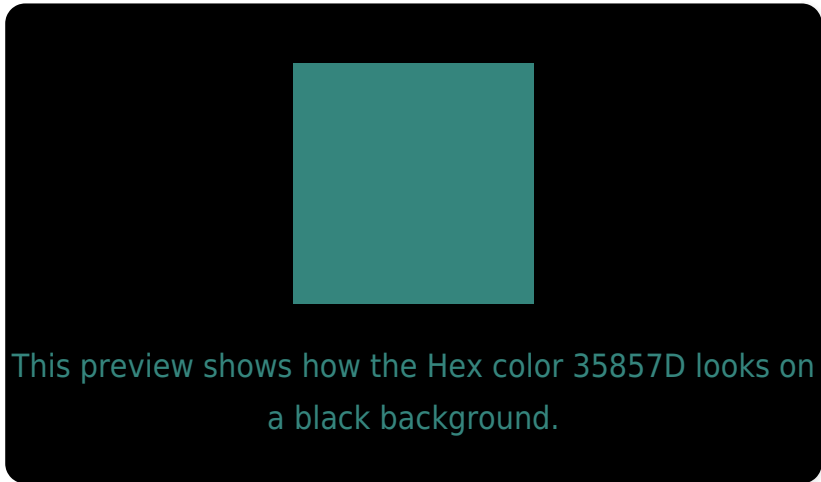
Large Text (above 18pt) WCAG AA ✓ Pass

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

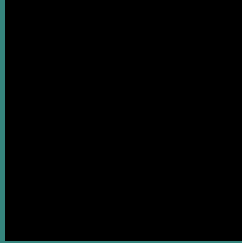
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 35857D Background



This preview shows how black text looks on a background with the Hex color 35857D.

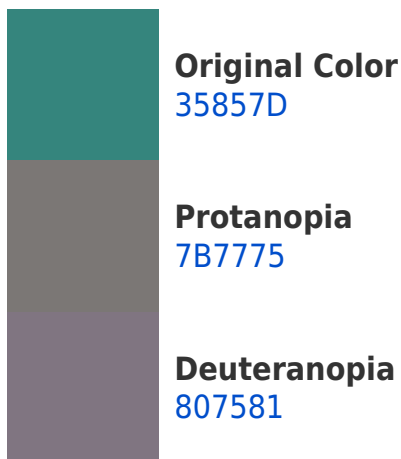



This preview shows how white text looks on a background with the Hex color 35857D.

# 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**  
3C838D

# Trichromacy



**Original Color**  
35857D

**Protanomaly**  
627C78

**Deuteranomaly**  
657B80

**Tritanomaly**  
398487

# Monochromacy



**Original Color**  
35857D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
587572

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35857D 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 #35857D looks like.

```
.text, #text, p{  
    color:#35857D  
}
```

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 #35857D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35857D
}
```

## Border

The CSS property to change the border of an element to Hex 35857D 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
#35857D }
```

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

```
.border{ border-color:#35857D }
```

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

Here you see how a box with a 4 pixel #35857D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35857D; -webkit-box-shadow:4px 4px  
4px 4px #35857D; box-shadow:4px 4px 4px  
4px #35857D }
```

# Background

The CSS property to change the background color of an element to Hex 35857D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35857D }
```

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

```
.background{ background-color:#35857D }
```

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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