

Converting Colors

Hex(35977F)

Have a look what the booklet for
Hex(35977F) contains.

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Color

Hex(35977F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 35977F |
| RGB | 53, 151, 127 |
| RGB Percent | 21%, 59%, 50% |
| CMY | 0.7922, 0.4078, 0.5020 |
| CMYK | 0.65, 0.00, 0.16, 0.41 |
| HSL | 165°, 48%, 40% |
| HSV | 165°, 65%, 59% |
| XYZ | 16.3656, 24.4224, 23.9301 |
| YIQ | 118.9620, -50.7040, -28.2400 |

Conversions

Conversions Part 2

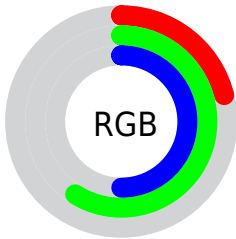
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 53, 109, 151 |
| Decimal | 3512191 |
| CIE _{Lab} | 56.51, -34.37, 4.32 |
| CIE _{LCh} | 57, 34.642, 172.839 |
| Yxy | 24.4224, 0.2529, 0.3774 |
| Android (android.graphics.Color) | 4281702271 (0xFF35977F) |
| YUV | 118.9620, 3.9627, -57.8487 |
| Hunter-Lab | 49.4190, -27.3714, 5.8834 |

Details

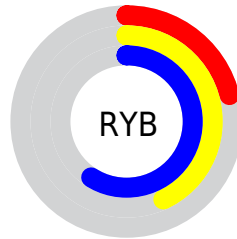
The Hex color **35977F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **97354D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6FCEB4**, and **00634E** is the 20% darker color. If you saturate the color by 10%, you get **26977B**, and if you desaturate by 10%, it is **449783**.

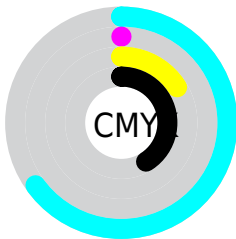
Distribution



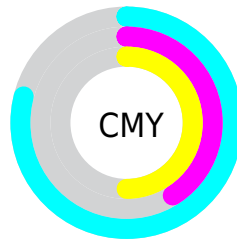
- Red (21%)
- Green (59%)
- Blue (50%)



- Red (21%)
- Yellow (43%)
- Blue (59%)



- Cyan (65%)
- Magenta (0%)
- Yellow (16%)
- Black (41%)



- Cyan (79%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35977F 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 35977F by changing the saturation by 10% instead.

 35977F

 35977F

FFFFFF

 0E7D66

 6FCEB4

 00634E

 8BEACF

 004B37

 A7FFEB

 003322

 C4FFFF

 001F0C

 E1FFFF

 000000

 35977F

 35977F

 26977B

 449783

 179778

 539786

089774

62978A

009772

71978E

819791

909795

9F9799

AE979D

BD97A0

Harmonies

Analogous

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



609462



35977F



00979E

Triad

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



35977F



8082BF



B77959

Complementary

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



35977F



97354D

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.



C27172



35977F



A677AC

Square

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



35977F



4B8DC3



BD7090



A1834B

Rectangle

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



35977F



0095B0



BD7090



BC7660

Sweetspot

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



35977F



9FC4BB



4E9735



4D635E



E3E3E3



636363

Same Dimension

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



35977F



2BC49F



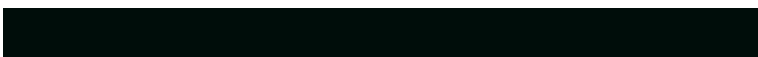
357E97



454D4B



008C6A



000D0A

Inverse Universe

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



97354D



C42B51



974E35



4D4547



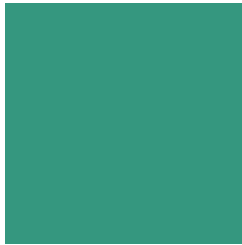
8C0022



0D0003

Previews

White Background



This preview shows how the Hex color 35977F looks on a white background.

Color Contrast Check

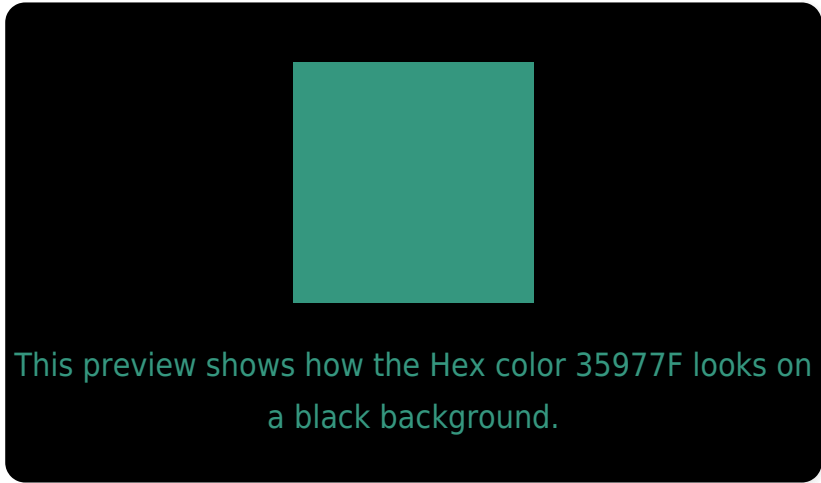
Large Text (above 18pt) WCAG AA ✓ Pass

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

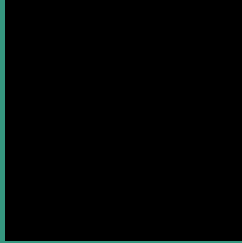
Any Text WCAG AA ✓ Pass

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 35977F Background



This preview shows how black text looks on a background with the Hex color 35977F.

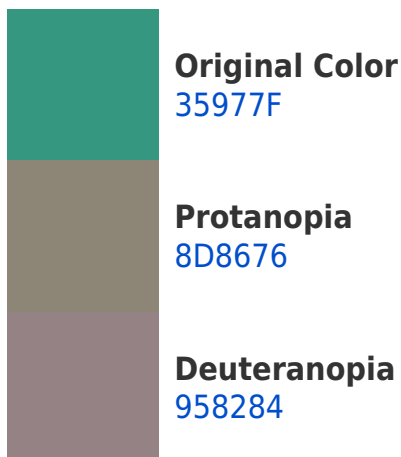


This preview shows how white text looks on a background with the Hex color 35977F.

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
42939E

Trichromacy



Original Color
35977F



Protanomaly
6D8C79



Deuteranomaly
728A82



Tritanomaly
3D9493

Monochromacy



Original Color
35977F



Achromatopsia
777777



Achromatomaly
5F837A

CSS Examples

Text

The CSS property to change the color of the text to Hex 35977F 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 #35977F looks like.

```
.text, #text, p{  
    color:#35977F  
}
```

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 #35977F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35977F
}
```

Border

The CSS property to change the border of an element to Hex 35977F 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
#35977F }
```

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

```
.border{ border-color:#35977F }
```

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

Here you see how a box with a 4 pixel #35977F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35977F; -webkit-box-shadow:4px 4px  
4px 4px #35977F; box-shadow:4px 4px 4px  
4px #35977F }
```

Background

The CSS property to change the background color of an element to Hex 35977F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35977F }
```

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

```
.background{ background-color:#35977F }
```

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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