

Converting Colors

Hex(357F77)

Have a look what the booklet for
Hex(357F77) contains.

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Color

Hex(357F77)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 357F77 |
| RGB | 53, 127, 119 |
| RGB Percent | 21%, 50%, 47% |
| CMY | 0.7922, 0.5020, 0.5333 |
| CMYK | 0.58, 0.00, 0.06, 0.50 |
| HSL | 174°, 41%, 35% |
| HSV | 174°, 58%, 50% |
| XYZ | 12.3873, 17.2675, 20.1328 |
| YIQ | 103.9620, -41.5360, -18.1760 |

Conversions

Conversions Part 2

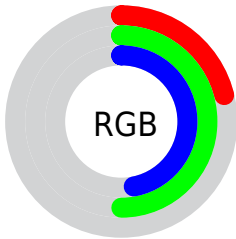
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 53, 92, 127 |
| Decimal | 3506039 |
| CIELab | 48.60, -24.93, -2.57 |
| CIELCh | 49, 25.057, 185.885 |
| Yxy | 17.2675, 0.2488, 0.3468 |
| Android (android.graphics.Color) | 4281696119 (0xFF357F77) |
| YUV | 103.9620, 7.4137, -44.6937 |
| Hunter-Lab | 41.5542, -19.5089, 0.3622 |




Details

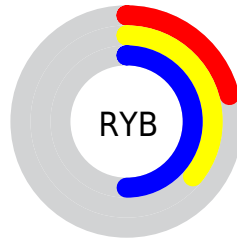
The Hex color **357F77** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F353D**, and the grayscale version is **686868**.




A 20% lighter version of the original color is **6BB4AB**, and **004D47** is the 20% darker color. If you saturate the color by 10%, you get **287F76**, and if you desaturate by 10%, it is **427F78**.

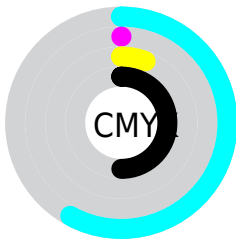
Distribution







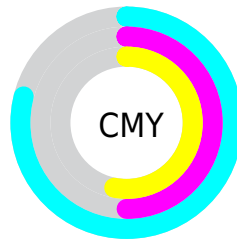
-  Red (21%)
-  Green (50%)
-  Blue (47%)






-  Red (21%)
-  Yellow (36%)
-  Blue (50%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (50%)



-  Cyan (79%)
-  Magenta (50%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357F77 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 357F77 by changing the saturation by 10% instead.



357F77



357F77

FFFFFF



16665E



6BB4AB



004D47



86D0C6



003630



A2ECE2



00211C



BEFFFF



000000



DBFFFF



F8FFFF



357F77



357F77



287F76



427F78

■ 1C7F74

■ 4E7F7A

■ 0F7F73

■ 5B7F7B

■ 027F72

■ 687F7C

■ 007F71

■ 757F7E

■ 817F7F

■ 8E7F81

■ 9B7F82

■ A77F83

Harmonies

Analogous

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



4E7D61



357F77



297E8C

Triad

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



357F77



7C6C96



906C4D

Complementary

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



357F77



7F353D

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.



9C665C



357F77



926685

Square

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



357F77



5D749D



9D6370



7E7349

Rectangle

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



357F77



337C96



9D6370



956A51

Sweetspot

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



357F77



8AA6A3



3E7F35



435452



D4D4D4



545454

Same Dimension

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



357F77



32A699



35637F



39403F



008072



000000

Inverse Universe

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



7F353D



A6323E



7F5135



40393A



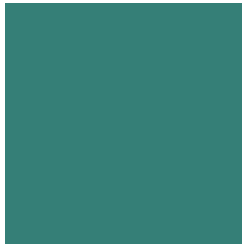
80000E



000000

Previews

White Background



This preview shows how the Hex color 357F77 looks on a white background.

Color Contrast Check

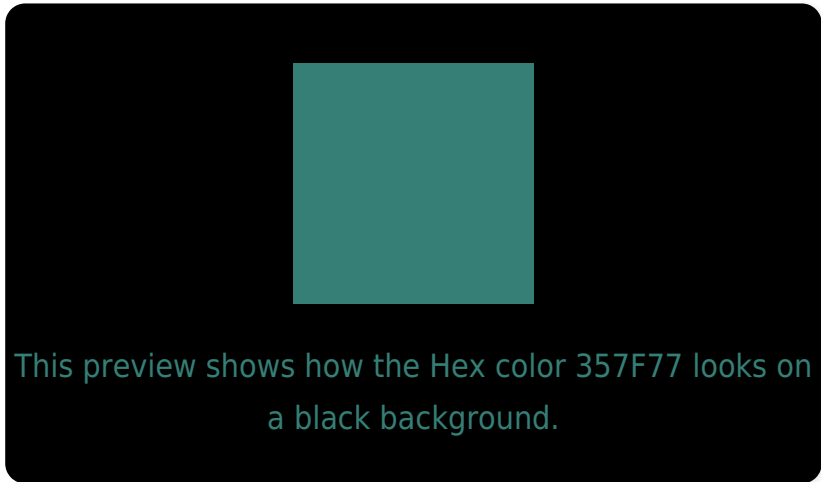
Large Text (above 18pt) WCAG AA ✓ Pass

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

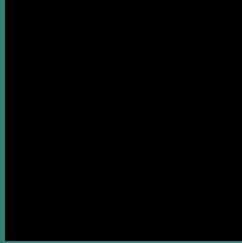
Any Text WCAG AA × Fail

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 357F77 Background



This preview shows how black text looks on a background with the Hex color 357F77.



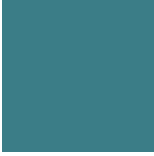
This preview shows how white text looks on a background with the Hex color 357F77.

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](#).

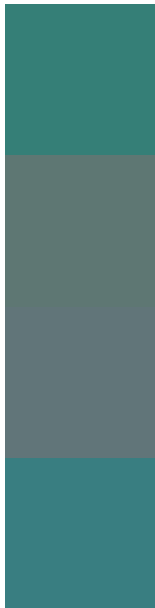
Dichromacy





Tritanopia
3B7D87

Trichromacy



Original Color
357F77

Protanomaly
5E7773

Deuteranomaly
617579

Tritanomaly
397E81

Monochromacy



Original Color
357F77

Achromatopsia
686868

Achromatomaly
55706D

CSS Examples

Text

The CSS property to change the color of the text to Hex 357F77 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 #357F77 looks like.

```
.text, #text, p{  
  color:#357F77  
}
```

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 #357F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357F77
}
```

Border

The CSS property to change the border of an element to Hex 357F77 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
#357F77 }
```

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

```
.border{ border-color:#357F77 }
```

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

Here you see how a box with a 4 pixel #357F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357F77; -webkit-box-shadow:4px 4px  
4px 4px #357F77; box-shadow:4px 4px 4px  
4px #357F77 }
```

Background

The CSS property to change the background color of an element to Hex 357F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357F77 }
```

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

```
.background{ background-color:#357F77 }
```

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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