

Converting Colors

Hex(357D6E)

Have a look what the booklet for
Hex(357D6E) contains.

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Color

Hex(357D6E)

Conversions

Conversions Part 1

Format	Color
Hex	357D6E
RGB	53, 125, 110
RGB Percent	21%, 49%, 43%
CMY	0.7922, 0.5098, 0.5686
CMYK	0.58, 0.00, 0.12, 0.51
HSL	168°, 40%, 35%
HSV	168°, 58%, 49%
XYZ	11.6163, 16.5499, 17.3341
YIQ	101.7620, -38.0970, -19.9290

Conversions

Conversions Part 2

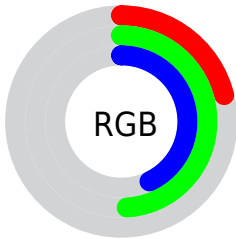
Format	Color
RYB	53, 93, 125
Decimal	3505518
CIELab	47.69, -26.39, 1.41
CIElCh	48, 26.424, 176.938
Yxy	16.5499, 0.2553, 0.3637
Android (android.graphics.Color)	4281695598 (0xFF357D6E)
YUV	101.7620, 4.0613, -42.7643
Hunter-Lab	40.6816, -20.2236, 3.2142




Details

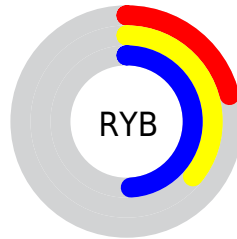
The Hex color **357D6E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D3544**, and the grayscale version is **666666**.




A 20% lighter version of the original color is **6BB2A1**, and **004B3F** is the 20% darker color. If you saturate the color by 10%, you get **287D6B**, and if you desaturate by 10%, it is **417D71**.

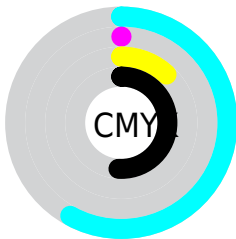
Distribution







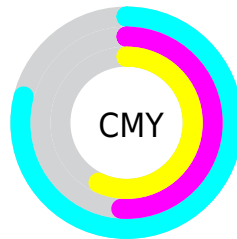
-  Red (21%)
-  Green (49%)
-  Blue (43%)






-  Red (21%)
-  Yellow (36%)
-  Blue (49%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (51%)



-  Cyan (79%)
-  Magenta (51%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357D6E 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 357D6E by changing the saturation by 10% instead.

 357D6E

 357D6E

FFFFFF

 176456

 6BB2A1

 004B3F

 86CEBC

 003429

 A1EAD8

 002014

 BDFFF5

 000000

 DAFFFF

 F7FFFF

 357D6E

 357D6E

 287D6B

 417D71

■ 1C7D69

■ 4E7D73

■ 0F7D66

■ 5A7D76

■ 037D64

■ 677D78

■ 007D63

■ 737D7B

■ 807D7E

■ 8C7D80

■ 997D83

■ A57D85

Harmonies

Analogous

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



517B58



357D6E



1D7D85

Triad

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



357D6E



716C99



94674D

Complementary

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



357D6E



7D3544

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.



9C615E



357D6E



8B658A

Square

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



357D6E



4E749D



9A6074



826F44

Rectangle

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



357D6E



217B91



9A6074



986552

Sweetspot

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



357D6E



87A39D



457D35



41524E



D1D1D1



525252

Same Dimension

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



357D6E



33A38C



35697D



39403E



008065



000000

Inverse Universe

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



7D3544



A3334A



7D4935



40393B



80001B



000000

Previews

White Background



This preview shows how the Hex color 357D6E looks on a white background.

Color Contrast Check

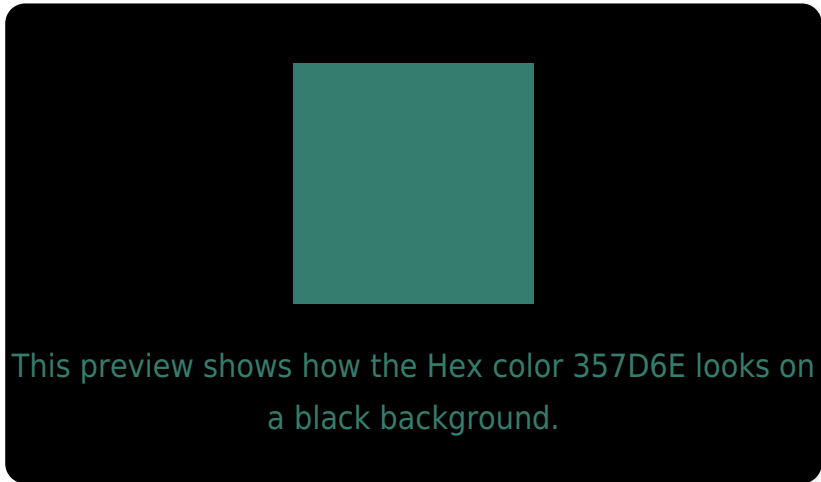
Large Text (above 18pt) WCAG AA ✓ Pass

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

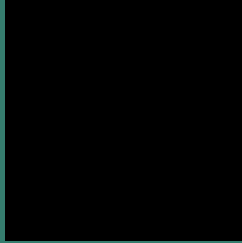
Any Text WCAG AA × Fail

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 357D6E Background



This preview shows how black text looks on a background with the Hex color 357D6E.

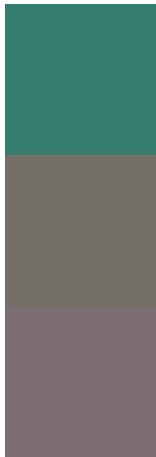


This preview shows how white text looks on a background with the Hex color 357D6E.

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



Original Color
357D6E

Protanopia
757067

Deuteranopia
7B6D71



Tritanopia
3D7A84

Trichromacy



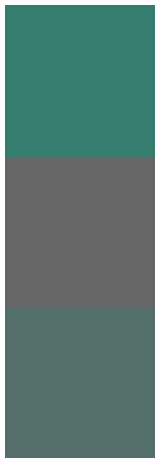
Original Color
357D6E

Protanomaly
5E756A

Deuteranomaly
627370

Tritanomaly
3A7B7C

Monochromacy



Original Color
357D6E

Achromatopsia
666666

Achromatomaly
546E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 357D6E 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 #357D6E looks like.

```
.text, #text, p{  
    color:#357D6E  
}
```

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 #357D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357D6E
}
```

Border

The CSS property to change the border of an element to Hex 357D6E 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
#357D6E }
```

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

```
.border{ border-color:#357D6E }
```

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

Here you see how a box with a 4 pixel #357D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357D6E; -webkit-box-shadow:4px 4px  
4px 4px #357D6E; box-shadow:4px 4px 4px  
4px #357D6E }
```

Background

The CSS property to change the background color of an element to Hex 357D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357D6E }
```

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

```
.background{ background-color:#357D6E }
```

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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