

Converting Colors

Hex(357D75)

Have a look what the booklet for
Hex(357D75) contains.

Hex(357D75)	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(357D75)

Conversions

Conversions Part 1

Format	Color
Hex	357D75
RGB	53, 125, 117
RGB Percent	21%, 49%, 46%
CMY	0.7922, 0.5098, 0.5412
CMYK	0.58, 0.00, 0.06, 0.51
HSL	173°, 40%, 35%
HSV	173°, 58%, 49%
XYZ	12.0127, 16.7085, 19.4215
YIQ	102.5600, -40.3440, -17.7520

Conversions

Conversions Part 2

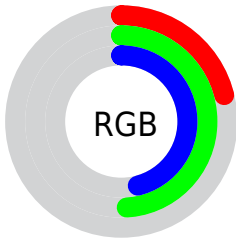
Format	Color
RYB	53, 91, 125
Decimal	3505525
CIELab	47.89, -24.47, -2.43
CIELCh	48, 24.589, 185.663
Yxy	16.7085, 0.2495, 0.3471
Android (android.graphics.Color)	4281695605 (0xFF357D75)
YUV	102.5600, 7.1189, -43.4641
Hunter-Lab	40.8760, -19.0751, 0.4425

Details

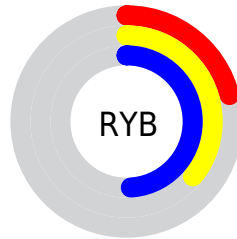
The Hex color **357D75** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D353D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6BB2A9**, and **004C45** is the 20% darker color. If you saturate the color by 10%, you get **287D74**, and if you desaturate by 10%, it is **417D76**.

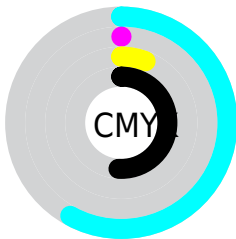
Distribution



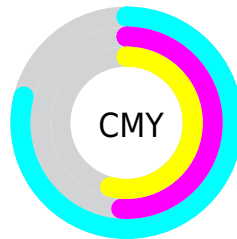
- Red (21%)
- Green (49%)
- Blue (46%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (79%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357D75 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 357D75 by changing the saturation by 10% instead.

 357D75

 357D75

FFFFFF

 16645C

 6BB2A9

 004C45

 86CEC4

 00342F

 A2EAE0

 00201A

 BEFFFD

 000000

 DAFFFF

 F7FFFF

 357D75

 357D75

 287D74

 417D76

■ 1C7D72

■ 4E7D78

■ 0F7D71

■ 5A7D79

■ 037D6F

■ 677D7B

■ 007D6F

■ 737D7C

■ 807D7D

■ 8C7D7F

■ 997D80

■ A57D81

Harmonies

Analogous

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



4D7B60



357D75



2A7C89

Triad

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



357D75



796B93



8E6B4C

Complementary

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



357D75



7D353D

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.



99645A



357D75



8F6483

Square

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



357D75



5C729B



9A626E



7C7248

Rectangle

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



357D75



337A93



9A626E



936850

Sweetspot

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



357D75



87A3A0



3D7D35



415250



D1D1D1



525252

Same Dimension

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



357D75



33A397



35617D



39403F



008071



000000

Inverse Universe

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



7D353D



A3333F



7D5135



40393A



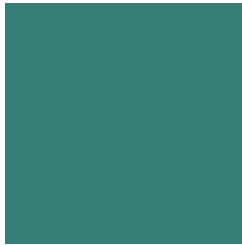
80000E



000000

Previews

White Background



This preview shows how the Hex color 357D75 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

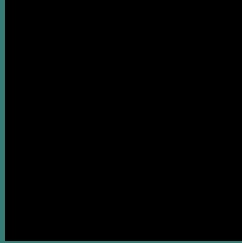
Any Text WCAG AA × Fail

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 357D75 Background



This preview shows how black text looks on a background with the Hex color 357D75.

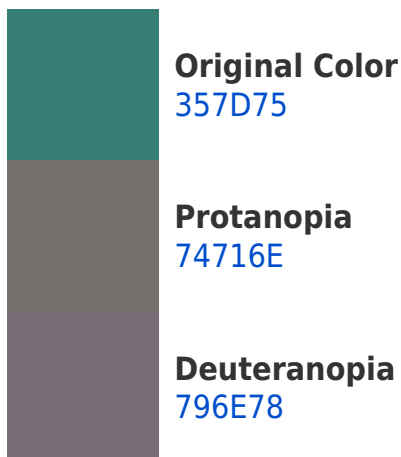


This preview shows how white text looks on a background with the Hex color 357D75.

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](#).

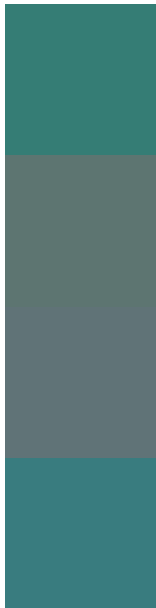
Dichromacy





Tritanopia
3B7B85

Trichromacy



Original Color
357D75

Protanomaly
5D7571

Deuteranomaly
607377

Tritanomaly
397C7F

Monochromacy



Original Color
357D75

Achromatopsia
676767

Achromatomaly
556F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 357D75 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 #357D75 looks like.

```
.text, #text, p{  
    color:#357D75  
}
```

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 #357D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357D75
}
```

Border

The CSS property to change the border of an element to Hex 357D75 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
#357D75 }
```

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

```
.border{ border-color:#357D75 }
```

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

Here you see how a box with a 4 pixel #357D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357D75; -webkit-box-shadow:4px 4px  
4px 4px #357D75; box-shadow:4px 4px 4px  
4px #357D75 }
```

Background

The CSS property to change the background color of an element to Hex 357D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357D75 }
```

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

```
.background{ background-color:#357D75 }
```

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