

Converting Colors

Hex(367F70)

Have a look what the booklet for
Hex(367F70) contains.

Hex(367F70)	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(367F70)

Conversions

Conversions Part 1

Format	Color
Hex	367F70
RGB	54, 127, 112
RGB Percent	21%, 50%, 44%
CMY	0.7882, 0.5020, 0.5608
CMYK	0.57, 0.00, 0.12, 0.50
HSL	168°, 40%, 35%
HSV	168°, 57%, 50%
XYZ	12.0353, 17.1329, 18.0019
YIQ	103.4630, -38.6930, -20.1410

Conversions

Conversions Part 2

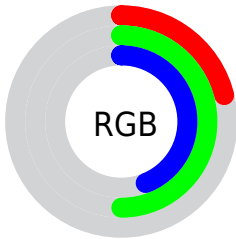
Format	Color
RYB	54, 95, 127
Decimal	3571568
CIELab	48.43, -26.62, 1.31
CIELCh	48, 26.656, 177.180
Yxy	17.1329, 0.2551, 0.3632
Android (android.graphics.Color)	4281761648 (0xFF367F70)
YUV	103.4630, 4.2087, -43.3791
Hunter-Lab	41.3919, -20.5341, 3.1883

Details

The Hex color **367F70** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F3645**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6CB4A4**, and **004D40** is the 20% darker color. If you saturate the color by 10%, you get **297F6D**, and if you desaturate by 10%, it is **437F73**.

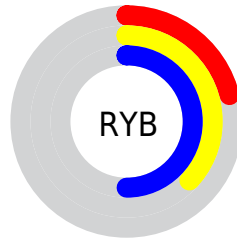
Distribution



Red (21%)

Green (50%)

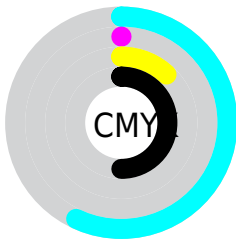
Blue (44%)



Red (21%)

Yellow (37%)

Blue (50%)

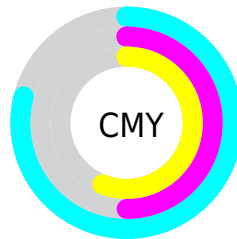


Cyan (57%)

Magenta (0%)

Yellow (12%)

Black (50%)



Cyan (79%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 367F70 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 367F70 by changing the saturation by 10% instead.

 367F70

 367F70

FFFFFF

 186658

 6CB4A4

 004D40

 87D0BF

 00362A

 A2ECDB

 002216

 BEFFF7

 000000

 DBFFFF

 F8FFFF

 367F70

 367F70

 297F6D

 437F73

■ 1D7F6B

■ 4F7F75

■ 107F68

■ 5C7F78

■ 037F66

■ 697F7A

■ 007F65

■ 767F7D

■ 827F80

■ 8F7F82

■ 9C7F85

■ A87F87

Harmonies

Analogous

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



527D5A



367F70



1E7F87

Triad

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



367F70



736E9B



96694E

Complementary

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



367F70



7F3645

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.



9F6360



367F70



8D668C

Square

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



367F70



5076A0



9C6276



847146

Rectangle

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



367F70



227D93



9C6276



9A6753

Sweetspot

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



367F70



8AA6A0



467F36



435451



D4D4D4



545454

Same Dimension

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



367F70



33A68E



366A7F



39403E



008065



000000

Inverse Universe

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



7F3645



A6334B



7F4B36



40393B



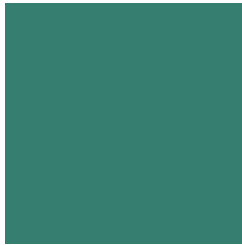
80001A



000000

Previews

White Background



This preview shows how the Hex color 367F70 looks on a white background.

Color Contrast Check

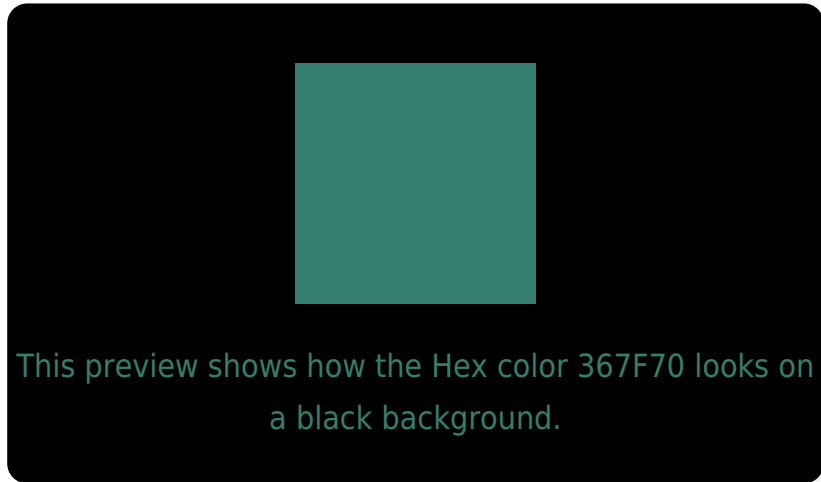
Large Text (above 18pt) WCAG AA ✓ Pass

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

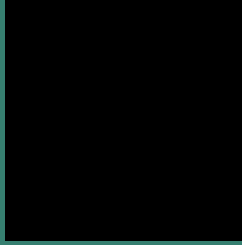
Any Text WCAG AA × Fail

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 367F70 Background



This preview shows how black text looks on a background with the Hex color 367F70.

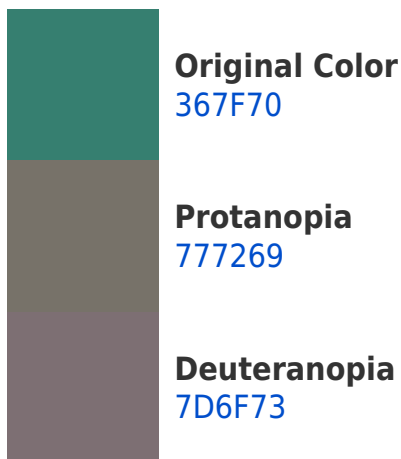



This preview shows how white text looks on a background with the Hex color 367F70.

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
3E7C86

Trichromacy



Original Color
367F70

Protanomaly
5F776C

Deuteranomaly
637572

Tritanomaly
3B7D7E

Monochromacy



Original Color
367F70

Achromatopsia
676767

Achromatomaly
55706A

CSS Examples

Text

The CSS property to change the color of the text to Hex 367F70 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 #367F70 looks like.

```
.text, #text, p{  
    color:#367F70  
}
```

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 #367F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #367F70  
}
```

Border

The CSS property to change the border of an element to Hex 367F70 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  
#367F70 }
```

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

```
.border{ border-color:#367F70 }
```

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

Here you see how a box with a 4 pixel #367F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #367F70; -webkit-box-shadow:4px 4px  
4px 4px #367F70; box-shadow:4px 4px 4px  
4px #367F70 }
```

Background

The CSS property to change the background color of an element to Hex 367F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#367F70 }
```

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

```
.background{ background-color:#367F70 }
```

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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