

Converting Colors

Hex(367F72)

Have a look what the booklet for
Hex(367F72) contains.

Hex(367F72)	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(367F72)

Conversions

Conversions Part 1

Format	Color
Hex	367F72
RGB	54, 127, 114
RGB Percent	21%, 50%, 45%
CMY	0.7882, 0.5020, 0.5529
CMYK	0.57, 0.00, 0.10, 0.50
HSL	169°, 40%, 35%
HSV	169°, 57%, 50%
XYZ	12.1480, 17.1779, 18.5950
YIQ	103.6910, -39.3350, -19.5190

Conversions

Conversions Part 2

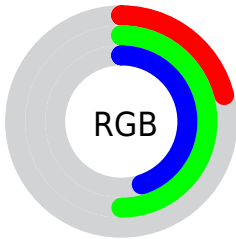
Format	Color
RYB	54, 94, 127
Decimal	3571570
CIELab	48.48, -26.09, 0.22
CIELCh	48, 26.087, 179.525
Yxy	17.1779, 0.2535, 0.3585
Android (android.graphics.Color)	4281761650 (0xFF367F72)
YUV	103.6910, 5.0823, -43.5790
Hunter-Lab	41.4463, -20.2123, 2.4117




Details

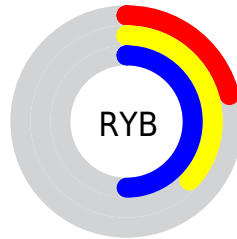
The Hex color **367F72** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F3643**, and the grayscale version is **686868**.




A 20% lighter version of the original color is **6CB4A6**, and **004D42** is the 20% darker color. If you saturate the color by 10%, you get **297F70**, and if you desaturate by 10%, it is **437F74**.

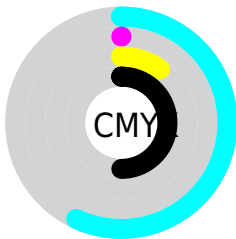
Distribution







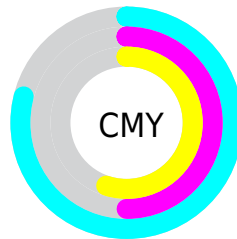
-  Red (21%)
-  Green (50%)
-  Blue (45%)






-  Red (21%)
-  Yellow (37%)
-  Blue (50%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (50%)



-  Cyan (79%)
-  Magenta (50%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 367F72 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 367F72 by changing the saturation by 10% instead.



367F72



367F72

FFFFFF



18665A



6CB4A6



004D42



87D0C1



00362C



A2ECDD



002118



BEFFF9



000000



DBFFFF



F8FFFF



367F72



367F72



297F70



437F74

■ 1D7F6D

■ 4F7F77

■ 107F6B

■ 5C7F79

■ 037F69

■ 697F7B

■ 007F68

■ 767F7D

■ 827F80

■ 8F7F82

■ 9C7F84

■ A87F86

Harmonies

Analogous

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



517D5C



367F72



227F88

Triad

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



367F72



756E99



946A4E

Complementary

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



367F72



7F3643

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.



9E645F



367F72



8F668A

Square

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



367F72



54759F



9C6274



827247

Rectangle

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



367F72



287D94



9C6274



986852

Sweetspot

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



367F72



8AA6A1



437F36



435451



D4D4D4



545454

Same Dimension

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



367F72



33A691



36687F



39403F



008069



000000

Inverse Universe

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



7F3643



A63348



7F4D36



40393B



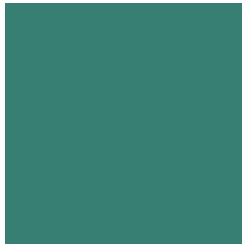
800017



000000

Previews

White Background



This preview shows how the Hex color 367F72 looks on a white background.

Color Contrast Check

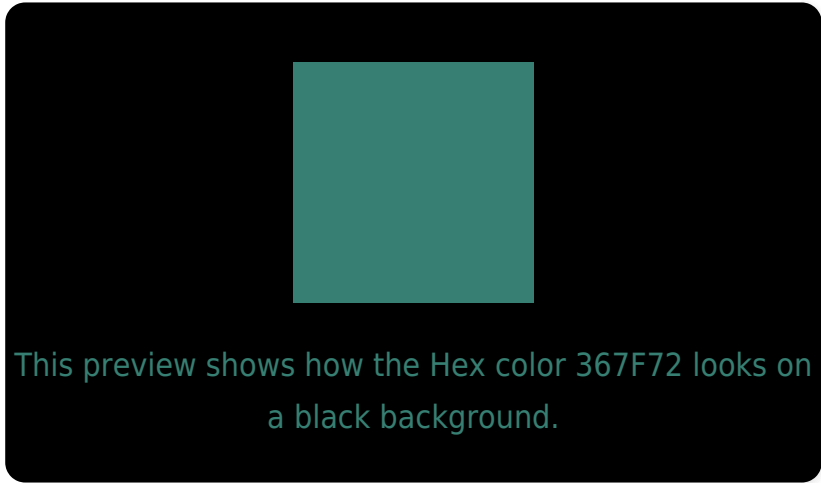
Large Text (above 18pt) WCAG AA ✓ Pass

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

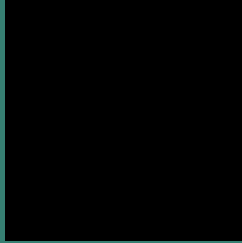
Any Text WCAG AA × Fail

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 367F72 Background



This preview shows how black text looks on a background with the Hex color 367F72.

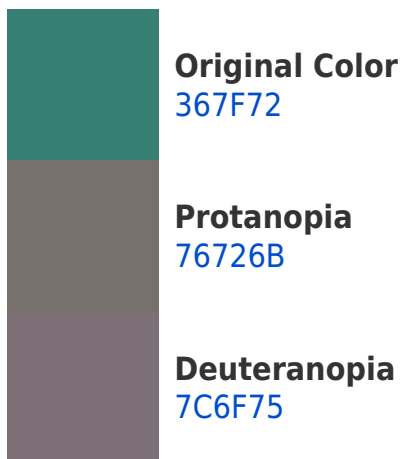


This preview shows how white text looks on a background with the Hex color 367F72.

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



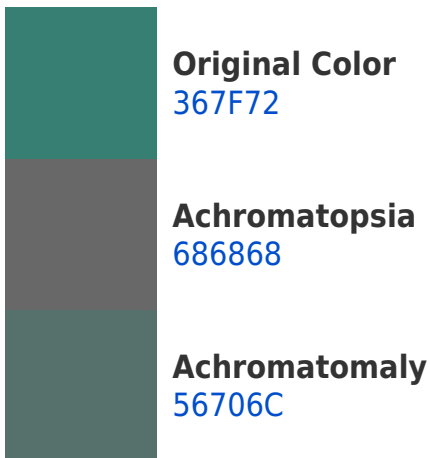


Tritanopia
3D7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 367F72 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 #367F72 looks like.

```
.text, #text, p{  
    color:#367F72  
}
```

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 #367F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #367F72
}
```

Border

The CSS property to change the border of an element to Hex 367F72 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
#367F72 }
```

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

```
.border{ border-color:#367F72 }
```

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

Here you see how a box with a 4 pixel #367F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #367F72; -webkit-box-shadow:4px 4px  
4px 4px #367F72; box-shadow:4px 4px 4px  
4px #367F72 }
```

Background

The CSS property to change the background color of an element to Hex 367F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#367F72 }
```

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

```
.background{ background-color:#367F72 }
```

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