

Converting Colors

Hex(357974)

Have a look what the booklet for
Hex(357974) contains.

Hex(357974)	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(357974)

Conversions

Conversions Part 1

Format	Color
Hex	357974
RGB	53, 121, 116
RGB Percent	21%, 47%, 45%
CMY	0.7922, 0.5255, 0.5451
CMYK	0.56, 0.00, 0.04, 0.53
HSL	176°, 39%, 34%
HSV	176°, 56%, 47%
XYZ	11.4580, 15.6926, 18.9481
YIQ	100.0980, -38.9230, -15.9710

Conversions

Conversions Part 2

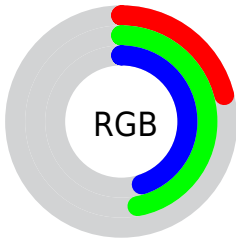
Format	Color
RYB	53, 88, 121
Decimal	3504500
CIELab	46.57, -22.69, -3.78
CIElCh	47, 23.008, 189.465
Yxy	15.6926, 0.2486, 0.3404
Android (android.graphics.Color)	4281694580 (0xFF357974)
YUV	100.0980, 7.8397, -41.3049
Hunter-Lab	39.6139, -17.6947, -0.6298

Details

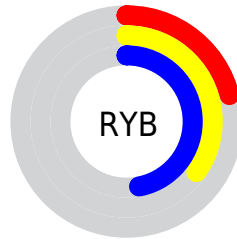
The Hex color **357974** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **79353A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6AAEA8**, and **004844** is the 20% darker color. If you saturate the color by 10%, you get **297973**, and if you desaturate by 10%, it is **417975**.

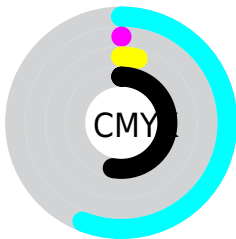
Distribution



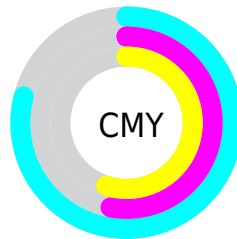
- Red (21%)
- Green (47%)
- Blue (45%)



- Red (21%)
- Yellow (35%)
- Blue (47%)



- Cyan (56%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (79%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357974 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 357974 by changing the saturation by 10% instead.



357974



357974

FFFFFF



17605B



6AAEA8



004844



85C9C3



00312E



A1E5DF



001E19



BDFFFC



000000



D9FFFF



F6FFFF



357974



357974



297973



417975

■ 1D7972

■ 4D7976

■ 117971

■ 597977

■ 057970

■ 657978

■ 007970

■ 727978

■ 7E7979

■ 8A797A

■ 96797B

■ A2797C

Harmonies

Analogous

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



4A7860



357974



2F7886

Triad

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



357974



79678C



87694B

Complementary

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



357974



79353A

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.



926357



357974



8C627C

Square

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



357974



5E6E94



946069



766F48

Rectangle

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



357974



39768F



946069



8C664E

Sweetspot

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



357974



839E9C



3B7935



3F4F4E



CFCFCF



4F4F4F

Same Dimension

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



357974



349E96



355D79



373D3D



007D74



00FCEA

Inverse Universe

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



79353A



9E343C



795135



3D3738



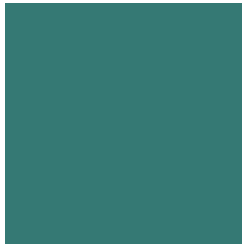
7D0009



FC0013

Previews

White Background



This preview shows how the Hex color 357974 looks on a white background.

Color Contrast Check

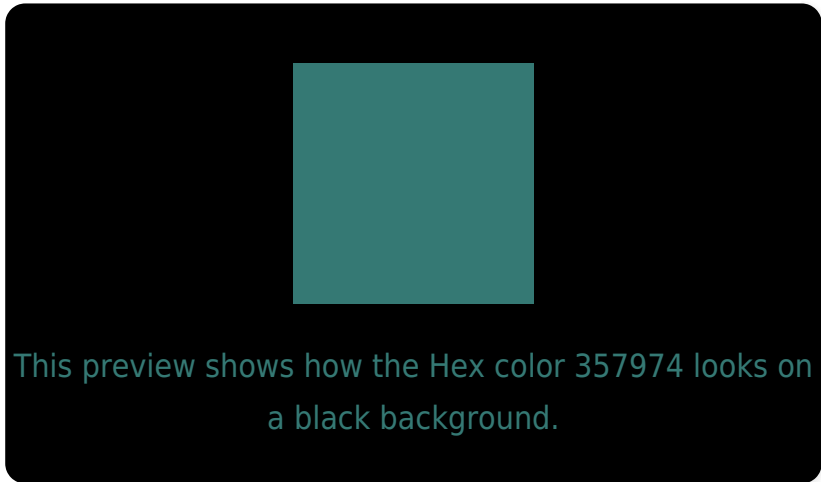
Large Text (above 18pt) WCAG AA ✓ Pass

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

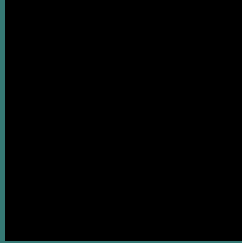
Any Text WCAG AA × Fail

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 357974 Background



This preview shows how black text looks on a background with the Hex color 357974.

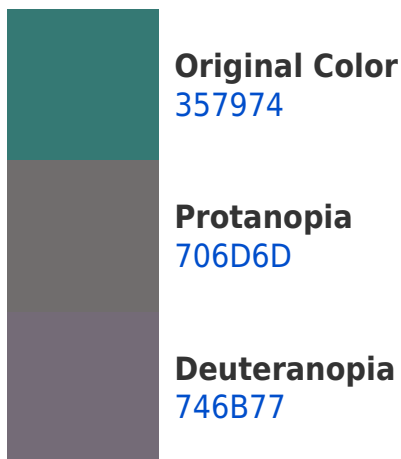



This preview shows how white text looks on a background with the Hex color 357974.

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
3A7781

Trichromacy



Original Color
357974

Protanomaly
5B7170

Deuteranomaly
5D7076

Tritanomaly
38787C

Monochromacy



Original Color
357974

Achromatopsia
646464

Achromatomaly
536C6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 357974 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 #357974 looks like.

```
.text, #text, p{  
    color:#357974  
}
```

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 #357974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357974
}
```

Border

The CSS property to change the border of an element to Hex 357974 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
#357974 }
```

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

```
.border{ border-color:#357974 }
```

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

Here you see how a box with a 4 pixel #357974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357974; -webkit-box-shadow:4px 4px  
4px 4px #357974; box-shadow:4px 4px 4px  
4px #357974 }
```

Background

The CSS property to change the background color of an element to Hex 357974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357974 }
```

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

```
.background{ background-color:#357974 }
```

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