

Converting Colors

Hex(357969)

Have a look what the booklet for
Hex(357969) contains.

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Color

Hex(357969)

Conversions

Conversions Part 1

Format	Color
Hex	357969
RGB	53, 121, 105
RGB Percent	21%, 47%, 41%
CMY	0.7922, 0.5255, 0.5882
CMYK	0.56, 0.00, 0.13, 0.53
HSL	166°, 39%, 34%
HSV	166°, 56%, 47%
XYZ	10.8554, 15.4515, 15.7749
YIQ	98.8440, -35.3920, -19.3920

Conversions

Conversions Part 2

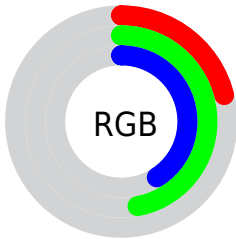
Format	Color
RYB	53, 92, 121
Decimal	3504489
CIELab	46.25, -25.71, 2.28
CIElCh	46, 25.815, 174.935
Yxy	15.4515, 0.2580, 0.3672
Android (android.graphics.Color)	4281694569 (0xFF357969)
YUV	98.8440, 3.0349, -40.2052
Hunter-Lab	39.3085, -19.4955, 3.7222

Details

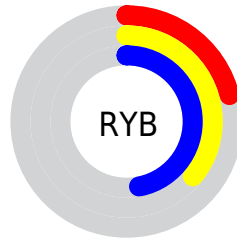
The Hex color **357969** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **793545**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6AAE9C**, and **00483A** is the 20% darker color. If you saturate the color by 10%, you get **297966**, and if you desaturate by 10%, it is **41796C**.

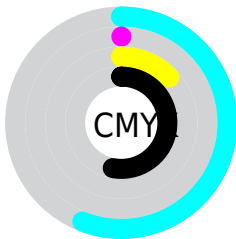
Distribution



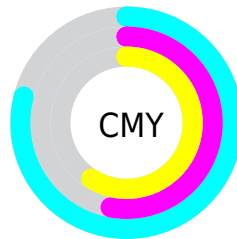
- Red (21%)
- Green (47%)
- Blue (41%)



- Red (21%)
- Yellow (36%)
- Blue (47%)



- Cyan (56%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (79%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357969 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 357969 by changing the saturation by 10% instead.



357969



357969

FFFFFF



186051



6AAE9C



00483A



85C9B7



003124



A0E6D3



001E0F



BCFEEF



000000



D8FFFF



F5FFFF



357969



357969



297966



41796C

■ 1D7963

■ 4D796F

■ 117960

■ 597972

■ 05795E

■ 657974

■ 00795D

■ 727977

■ 7E797A

■ 8A797D

■ 967980

■ A27983

Harmonies

Analogous

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



507754



357969



1D797F

Triad

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



357969



6B6995



90644B

Complementary

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



357969



793545

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.



985E5C



357969



856287

Square

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



357969



497198



955D72



7F6B42

Rectangle

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



357969



1E778B



955D72



946150

Sweetspot

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



357969



839E98



467935



3F4F4B



CFCFCF



4F4F4F

Same Dimension

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



357969



349E85



356879



373D3C



007D60



00FCC1

Inverse Universe

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



793545



9E344D



794635



3D3739



7D001D



FC003B

Previews

White Background



This preview shows how the Hex color 357969 looks on a white background.

Color Contrast Check

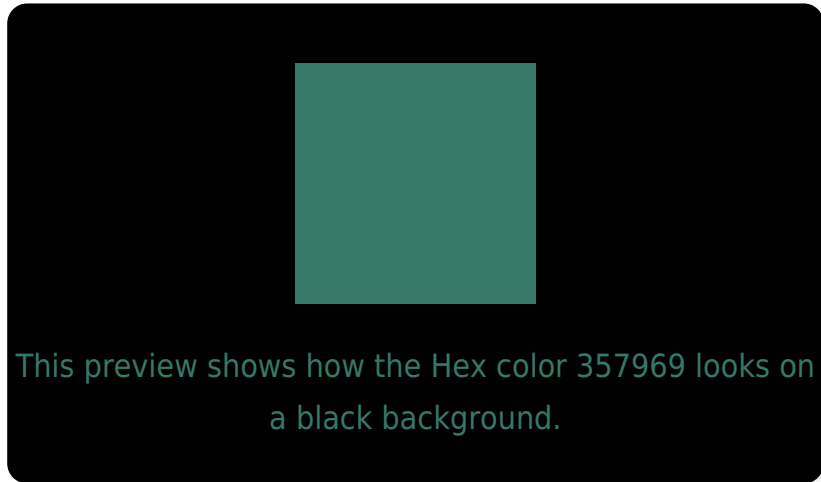
Large Text (above 18pt) WCAG AA ✓ Pass

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

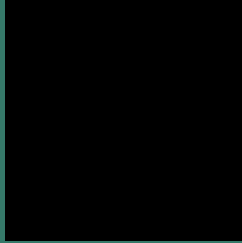
Any Text WCAG AA × Fail

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 357969 Background



This preview shows how black text looks on a background with the Hex color 357969.

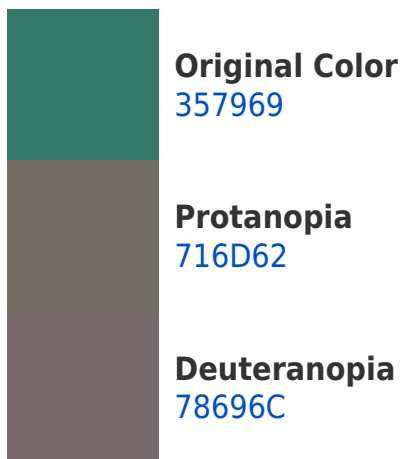


This preview shows how white text looks on a background with the Hex color 357969.

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
3D767F

Trichromacy



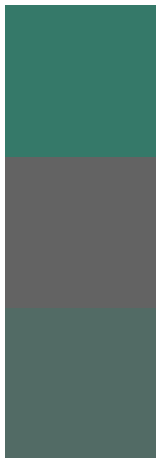
Original Color
357969

Protanomaly
5B7165

Deuteranomaly
606F6B

Tritanomaly
3A7777

Monochromacy



Original Color
357969

Achromatopsia
636363

Achromatomaly
526B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 357969 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 #357969 looks like.

```
.text, #text, p{  
    color:#357969  
}
```

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 #357969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357969
}
```

Border

The CSS property to change the border of an element to Hex 357969 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
#357969 }
```

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

```
.border{ border-color:#357969 }
```

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

Here you see how a box with a 4 pixel #357969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357969; -webkit-box-shadow:4px 4px  
4px 4px #357969; box-shadow:4px 4px 4px  
4px #357969 }
```

Background

The CSS property to change the background color of an element to Hex 357969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357969 }
```

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

```
.background{ background-color:#357969 }
```

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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