

Converting Colors

Hex(759386)

Have a look what the booklet for
Hex(759386) contains.

Hex(759386)	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(759386)

Conversions

Conversions Part 1

Format	Color
Hex	759386
RGB	117, 147, 134
RGB Percent	46%, 58%, 53%
CMY	0.5412, 0.4235, 0.4745
CMYK	0.20, 0.00, 0.09, 0.42
HSL	154°, 12%, 52%
HSV	154°, 20%, 58%
XYZ	22.0729, 26.3706, 26.4809
YIQ	136.5480, -13.7070, -10.4030

Conversions

Conversions Part 2

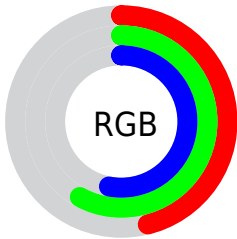
Format	Color
R_{YB}	117, 136, 147
Decimal	7705478
CIE _{Lab}	58.39, -13.30, 3.41
CIE _{LCh}	58, 13.731, 165.606
Yxy	26.3706, 0.2946, 0.3520
Android (android.graphics.Color)	4285895558 (0xFF759386)
YUV	136.5480, -1.2562, -17.1436
Hunter-Lab	51.3523, -13.1413, 5.3724

Details

The Hex color `759386` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `937582`, and the grayscale version is `898989`.

A 20% lighter version of the original color is `A9C9BB`, and `446054` is the 20% darker color. If you saturate the color by 10%, you get `669380`, and if you desaturate by 10%, it is `84938C`.

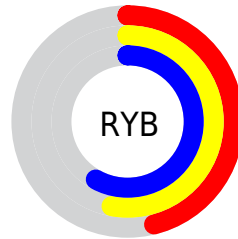
Distribution



Red (46%)

Green (58%)

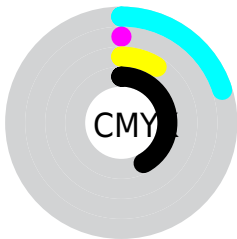
Blue (53%)



Red (46%)

Yellow (53%)

Blue (58%)

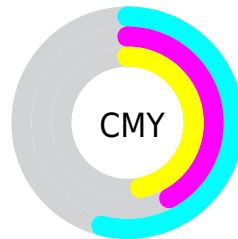


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759386 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 759386 by changing the saturation by 10% instead.

 759386

 759386

FFFFFF

 5C796D

 A9C9BB

 446054

 C5E5D7

 2D493D

 E1FFF3

 173228

FEFFFF

 001D13

 000000

 759386

 759386

 669380

 84938C

 589379

 929393

■ 499373

■ A19399

■ 3A936D

■ B0939F

■ 2C9366

■ BE93A6

■ 1D9360

■ CD93AC

■ 0E9359

■ DC93B3

■ 009353

■ EB93B9

■ F993BF

Harmonies

Analogous

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



81917B



759386



6E9392

Triad

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



759386



878BA3



A4867C

Complementary

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



759386



937582

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.



A68486



759386



96879D

Square

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



759386



788FA3



A18593



9B8A75

Rectangle

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



759386



6D939A



A18593



A5857F

Sweetspot

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



759386



B4BFBA



829375



5A615E



E0E0E0



616161

Same Dimension

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



759386



91BFAB



759193



434A47



008A4E



000A06

Inverse Universe

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



937582



BF91A5



937775



4A4346



8A003C



0A0004

Previews

White Background



This preview shows how the Hex color 759386 looks on a white background.

Color Contrast Check

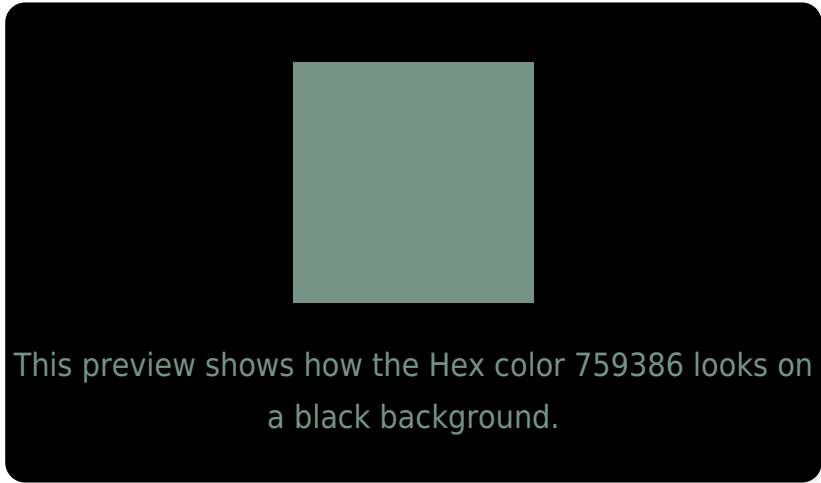
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

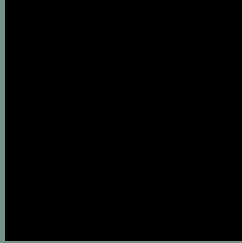
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 759386 Background



This preview shows how black text looks on a background with the Hex color 759386.

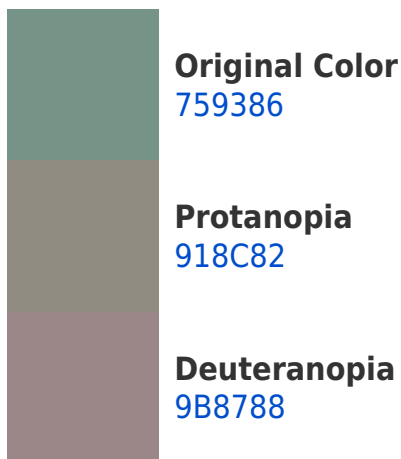


This preview shows how white text looks on a background with the Hex color 759386.

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
79909B

Trichromacy



Original Color
759386

Protanomaly
878F83

Deuteranomaly
8D8B87

Tritanomaly
789193

Monochromacy



Original Color
759386

Achromatopsia
898989

Achromatomaly
828D88

CSS Examples

Text

The CSS property to change the color of the text to Hex 759386 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 #759386 looks like.

```
.text, #text, p{  
    color:#759386  
}
```

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 #759386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759386  
}
```

Border

The CSS property to change the border of an element to Hex 759386 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  
#759386 }
```

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

```
.border{ border-color:#759386 }
```

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

Here you see how a box with a 4 pixel #759386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759386; -webkit-box-shadow:4px 4px  
4px 4px #759386; box-shadow:4px 4px 4px  
4px #759386 }
```

Background

The CSS property to change the background color of an element to Hex 759386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759386 }
```

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

```
.background{ background-color:#759386 }
```

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