

Converting Colors

Hex(388D85)

Have a look what the booklet for
Hex(388D85) contains.

Hex(388D85)	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(388D85)

Conversions

Conversions Part 1

Format	Color
Hex	388D85
RGB	56, 141, 133
RGB Percent	22%, 55%, 52%
CMY	0.7804, 0.4471, 0.4784
CMYK	0.60, 0.00, 0.06, 0.45
HSL	174°, 43%, 39%
HSV	174°, 60%, 55%
XYZ	15.3894, 21.5840, 25.5453
YIQ	114.6730, -48.0920, -20.5080

Conversions

Conversions Part 2

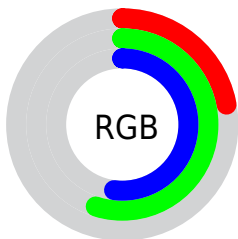
Format	Color
RYB	56, 101, 141
Decimal	3706245
CIELab	53.58, -27.41, -3.38
CIElCh	54, 27.614, 187.035
Yxy	21.5840, 0.2462, 0.3452
Android (android.graphics.Color)	4281896325 (0xFF388D85)
YUV	114.6730, 9.0352, -51.4562
Hunter-Lab	46.4585, -22.1743, -0.0797

Details

The Hex color **388D85** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D3840**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **70C3BA**, and **005A54** is the 20% darker color. If you saturate the color by 10%, you get **2A8D84**, and if you desaturate by 10%, it is **468D86**.

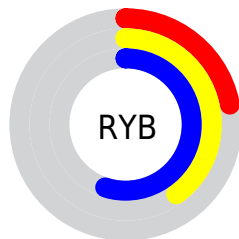
Distribution



Red (22%)

Green (55%)

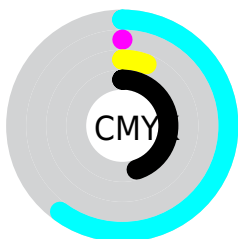
Blue (52%)



Red (22%)

Yellow (40%)

Blue (55%)

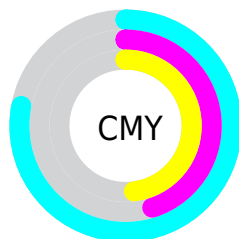


Cyan (60%)

Magenta (0%)

Yellow (6%)

Black (45%)



Cyan (78%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 388D85 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 388D85 by changing the saturation by 10% instead.

388D85

388D85

FFFFFF

16736C

70C3BA

005A54

8CDFD6

00423D

A8FCF2

002B27

C5FFFF

001512

E2FFFF

000000

388D85

388D85

2A8D84

468D86

1C8D82

548D88

 0E8D81

 628D89

 008D80

 708D8A

 7F8D8C

 8D8D8D

 9B8D8E

 A98D90

 B78D91

Harmonies

Analogous

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



548B6D



388D85



2B8C9C

Triad

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



388D85



8A78A6



A07855

Complementary

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



388D85



8D3840

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.



AD7165



388D85



A37193

Square

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



388D85



6880AF



AE6E7B



8B8050

Rectangle

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



388D85



3889A7



AE6E7B



A57659

Sweetspot

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



388D85



97B8B4



418D38



485C5A



DBDBDB



5C5C5C

Same Dimension

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



388D85



33B8AB



386B8D



404747



00877A



000807

Inverse Universe

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



8D3840



B83340



8D5A38



474041



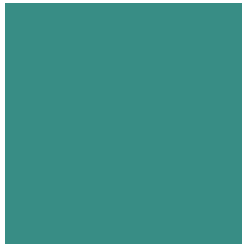
87000D



080001

Previews

White Background



This preview shows how the Hex color 388D85 looks on a white background.

Color Contrast Check

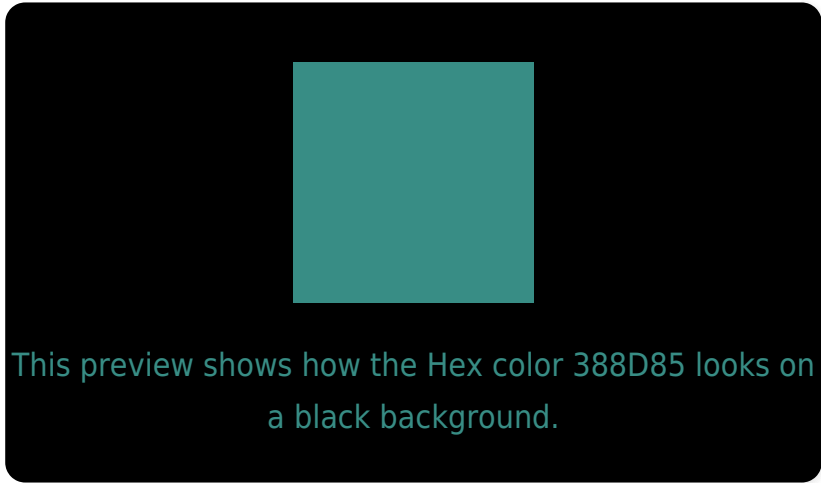
Large Text (above 18pt) WCAG AA ✓ Pass

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

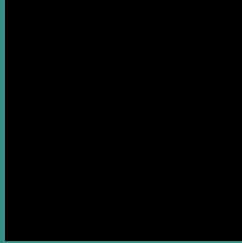
Any Text WCAG AA ✓ Pass

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 388D85 Background



This preview shows how black text looks on a background with the Hex color 388D85.

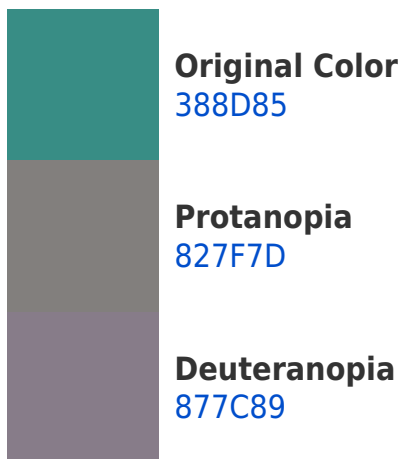


This preview shows how white text looks on a background with the Hex color 388D85.

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](#).

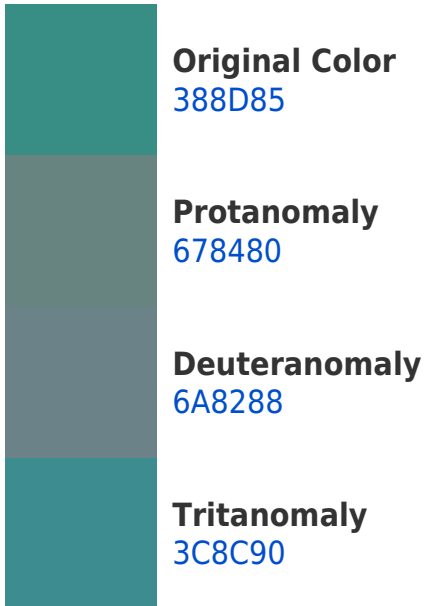
Dichromacy





Tritanopia
3F8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 388D85 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 #388D85 looks like.

```
.text, #text, p{  
    color:#388D85  
}
```

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 #388D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #388D85
}
```

Border

The CSS property to change the border of an element to Hex 388D85 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
#388D85 }
```

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

```
.border{ border-color:#388D85 }
```

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

Here you see how a box with a 4 pixel #388D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #388D85; -webkit-box-shadow:4px 4px  
4px 4px #388D85; box-shadow:4px 4px 4px  
4px #388D85 }
```

Background

The CSS property to change the background color of an element to Hex 388D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#388D85 }
```

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

```
.background{ background-color:#388D85 }
```

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