

Converting Colors

Hex(30889C)

Have a look what the booklet for
Hex(30889C) contains.

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Color

Hex(30889C)

Conversions

Conversions Part 1

Format	Color
Hex	30889C
RGB	48, 136, 156
RGB Percent	19%, 53%, 61%
CMY	0.8118, 0.4667, 0.3882
CMYK	0.69, 0.13, 0.00, 0.39
HSL	191°, 53%, 40%
HSV	191°, 69%, 61%
XYZ	16.0238, 20.6370, 34.5913
YIQ	111.9680, -58.8680, -12.4360

Conversions

Conversions Part 2

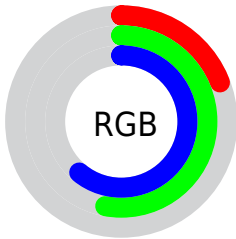
Format	Color
R_{YB}	48, 96, 156
Decimal	3180700
CIE _{Lab}	52.55, -19.26, -18.28
CIE _{LCh}	53, 26.553, 223.504
Yxy	20.6370, 0.2249, 0.2896
Android (android.graphics.Color)	4281370780 (0xFF30889C)
YUV	111.9680, 21.7078, -56.0999
Hunter-Lab	45.4280, -16.5365, -13.3470




Details

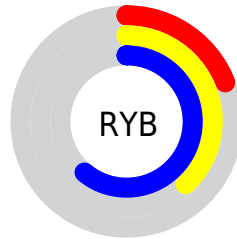
The Hex color **30889C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C4430**, and the grayscale version is **707070**.




A 20% lighter version of the original color is **6CBED3**, and **005669** is the 20% darker color. If you saturate the color by 10%, you get **20859C**, and if you desaturate by 10%, it is **408B9C**.

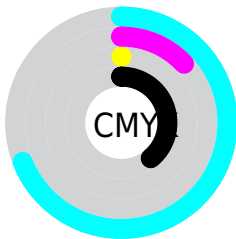
Distribution







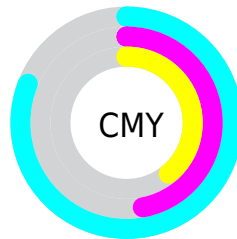
-  Red (19%)
-  Green (53%)
-  Blue (61%)






-  Red (19%)
-  Yellow (38%)
-  Blue (61%)



-  Cyan (69%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (81%)
-  Magenta (47%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30889C 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 30889C by changing the saturation by 10% instead.

 30889C

 30889C


FFFFFF

 006F82

 6CBED3

 005669

 89D9EF

 003E51

 A5F6FF

 00283A

 C2FFFF

 001224

 DFFFFFF

 00010D

FDFFFF

 000000

 30889C

 30889C

 20859C

 408B9C

■ 11829C

■ 4F8E9C

■ 017F9C

■ 5F919C

■ 007F9C

■ 6E949C

■ 7E969C

■ 8E999C

■ 9D9C9C

■ AD9F9C

■ BCA29C

Harmonies

Analogous

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



358A87



30889C



4B83A9

Triad

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



30889C



A26E8B



837F51

Complementary

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



30889C



9C4430

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.



987852



30889C



AB6C74

Square

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



30889C



8D749F



A6705F



69855C

Rectangle

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



30889C



627FAB



A6705F



8A7D50

Sweetspot

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



30889C



A1C4CC



309C44



4D6166



E6E6E6



666666

Same Dimension

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



30889C



23ADCC



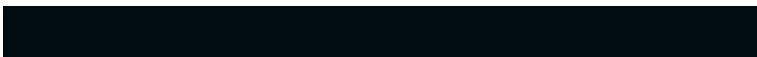
30529C



474E4F



00748F



000C0F

Inverse Universe

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



9C3088



CC23AD



9C7A30



4F474E



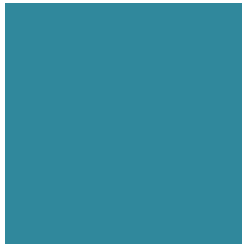
8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 30889C looks on a white background.

Color Contrast Check

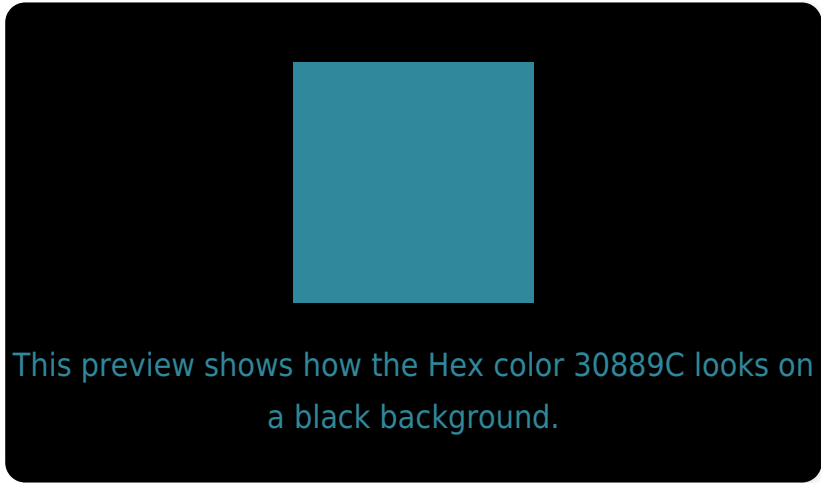
Large Text (above 18pt) WCAG AA ✓ Pass

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

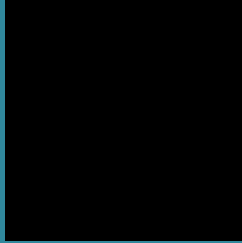
Any Text WCAG AA ✓ Pass

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 30889C Background



This preview shows how black text looks on a background with the Hex color 30889C.

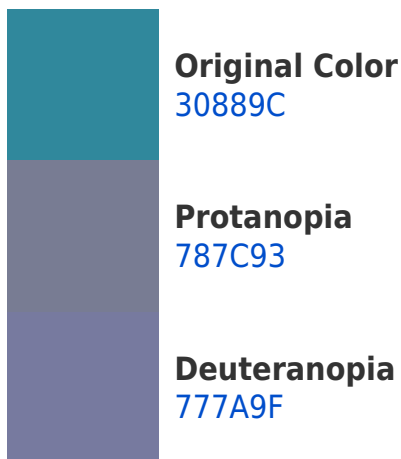


This preview shows how white text looks on a background with the Hex color 30889C.

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](#).

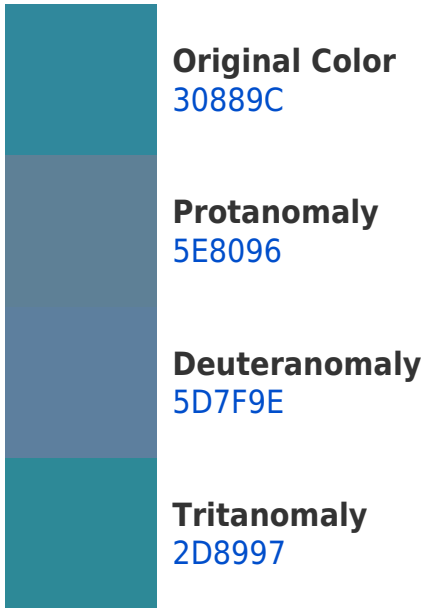
Dichromacy





Tritanopia
2B8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30889C 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 #30889C looks like.

```
.text, #text, p{  
    color:#30889C  
}
```

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 #30889C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30889C
}
```

Border

The CSS property to change the border of an element to Hex 30889C 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
#30889C }
```

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

```
.border{ border-color:#30889C }
```

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

Here you see how a box with a 4 pixel #30889C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30889C; -webkit-box-shadow:4px 4px  
4px 4px #30889C; box-shadow:4px 4px 4px  
4px #30889C }
```

Background

The CSS property to change the background color of an element to Hex 30889C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30889C }
```

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

```
.background{ background-color:#30889C }
```

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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