

# Converting Colors

Hex(2B8590)

Have a look what the booklet for  
Hex(2B8590) contains.

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**Color**

**Hex(2B8590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8590
RGB	43, 133, 144
RGB Percent	17%, 52%, 56%
CMY	0.8314, 0.4784, 0.4353
CMYK	0.70, 0.08, 0.00, 0.44
HSL	187°, 54%, 37%
HSV	187°, 70%, 56%
XYZ	14.4178, 19.3023, 29.3514
YIQ	107.3440, -57.1710, -15.6590

# Conversions

## Conversions Part 2

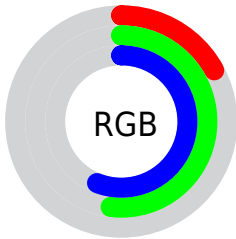
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 91, 144
Decimal	2852240
CIE <sub>Lab</sub>	51.04, -22.30, -13.61
CIE <sub>LCh</sub>	51, 26.128, 211.399
Yxy	19.3023, 0.2286, 0.3060
Android (android.graphics.Color)	4281042320 (0xFF2B8590)
YUV	107.3440, 18.0714, -56.4297
Hunter-Lab	43.9343, -18.3072, -8.8560

# Details

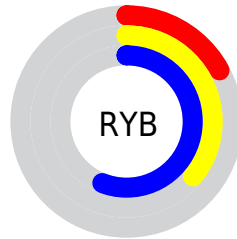
The Hex color **2B8590** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90362B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **67BAC6**, and **00535E** is the 20% darker color. If you saturate the color by 10%, you get **1D8390**, and if you desaturate by 10%, it is **398790**.

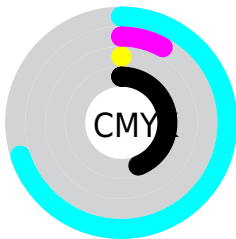
# Distribution



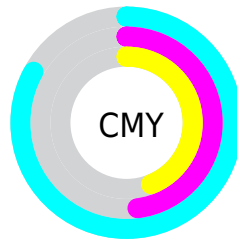
- Red (17%)
- Green (52%)
- Blue (56%)



- Red (17%)
- Yellow (36%)
- Blue (56%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (48%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B8590 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 2B8590 by changing the saturation by 10% instead.



 2B8590

 2B8590

FFFFFF

 006C76

 67BAC6

 00535E

 83D6E2

 003C46

 A0F3FE

 002630

 BCFFFF

 00091B

 DAFFFF

 000000

 F7FFFF

 2B8590

 2B8590

 1D8390

 398790

0E8290

488890

008090

568A90

658B90

738D90

818E90

909090

9E9290

AD9390

# Harmonies

## Analogous

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



3B867A



2B8590



3B82A0

# Triad

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



2B8590



976C8F



88794D

# Complementary

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



2B8590



90362B

# 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.



9A7153



2B8590



A46979

# Square

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



2B8590



7E73A0



A56B63



707F53

# Rectangle

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



2B8590



517EA5



A56B63



8F764E



# Sweetspot

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



2B8590



93B6BA



2B9035



475C5E



DEDEDE



5E5E5E



# Same Dimension

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



2B8590



1EA9BA



2B5390



404747



007887



000708



# Inverse Universe

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



902B85



BA1EA9



90682B



474047



870078

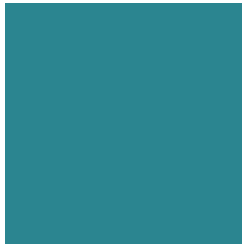


080007



# Previews

## White Background



This preview shows how the Hex color 2B8590 looks on a white background.

## Color Contrast Check

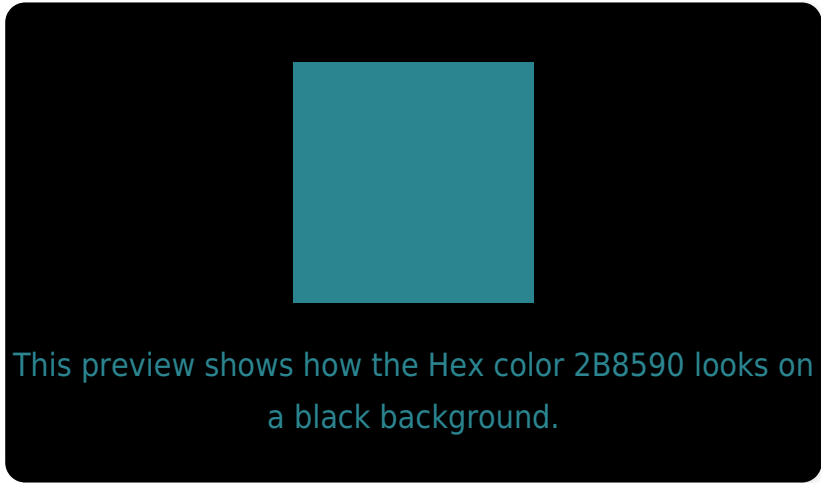
Large Text (above 18pt) WCAG AA ✓ Pass

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

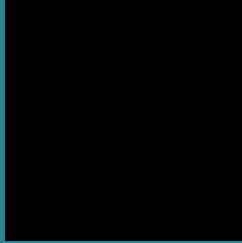
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2B8590 Background



This preview shows how black text looks on a background with the Hex color 2B8590.

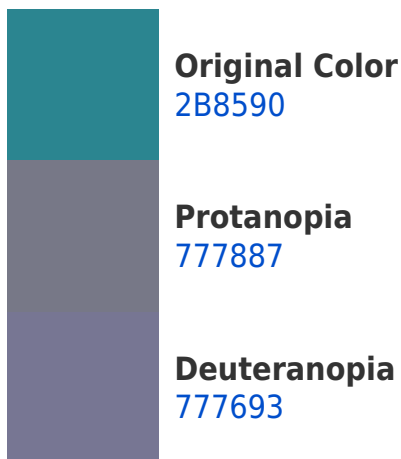


This preview shows how white text looks on a background with the Hex color 2B8590.

# 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**  
2B8590

# Trichromacy



**Original Color**  
2B8590

**Protanomaly**  
5B7D8A

**Deuteranomaly**  
5B7B92

**Tritanomaly**  
2B8590

# Monochromacy



**Original Color**  
2B8590

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
547478

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B8590 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 #2B8590 looks like.

```
.text, #text, p{  
    color:#2B8590  
}
```

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 #2B8590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8590
}
```

## Border

The CSS property to change the border of an element to Hex 2B8590 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
#2B8590 }
```

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

```
.border{ border-color:#2B8590 }
```

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

Here you see how a box with a 4 pixel #2B8590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8590; -webkit-box-shadow:4px 4px  
4px 4px #2B8590; box-shadow:4px 4px 4px  
4px #2B8590 }
```

# Background

The CSS property to change the background color of an element to Hex 2B8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8590 }
```

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

```
.background{ background-color:#2B8590 }
```

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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