

# Converting Colors

Hex(2CE598)

Have a look what the booklet for  
Hex(2CE598) contains.

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# **Color**

**Hex(2CE598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CE598
RGB	44, 229, 152
RGB Percent	17%, 90%, 60%
CMY	0.8275, 0.1020, 0.4039
CMYK	0.81, 0.00, 0.34, 0.10
HSL	155°, 78%, 54%
HSV	155°, 81%, 90%
XYZ	34.7255, 58.8411, 39.2330
YIQ	164.9070, -85.5430, -63.1670

# Conversions

## Conversions Part 2

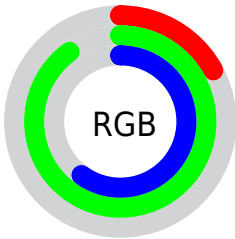
Format	Color
<a href="#">RYB</a>	<a href="#">44, 161, 229</a>
Decimal	<a href="#">2942360</a>
CIELab	<a href="#">81.20, -61.54, 25.28</a>
CIELCh	<a href="#">81, 66.529, 157.672</a>
Yxy	<a href="#">58.8411, 0.2615, 0.4431</a>
Android (android.graphics.Color)	<a href="#">4281132440 (0xFF2CE598)</a>
YUV	<a href="#">164.9070, -6.3632, -106.0354</a>
Hunter-Lab	<a href="#">76.7079, -53.4324, 23.3711</a>

# Details

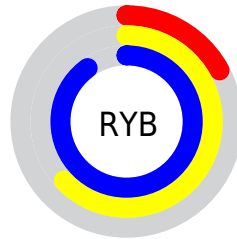
The Hex color **2CE598** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **E52C79**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **79FFCF**, and **00AC64** is the 20% darker color. If you saturate the color by 10%, you get **15E58E**, and if you desaturate by 10%, it is **43E5A2**.

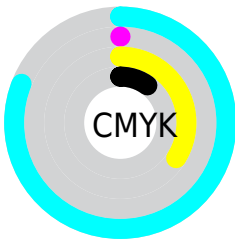
# Distribution



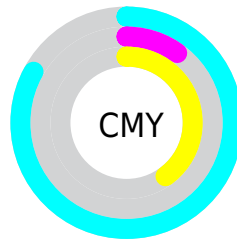
- Red (17%)
- Green (90%)
- Blue (60%)



- Red (17%)
- Yellow (63%)
- Blue (90%)



- Cyan (81%)
- Magenta (0%)
- Yellow (34%)
- Black (10%)



- Cyan (83%)
- Magenta (10%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CE598 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 2CE598 by changing the saturation by 10% instead.



 2CE598

 2CE598

FFFFFF

 00C87E

 79FFCF

 00AC64

 99FFEB

 00914C

 B8FFFF

 007635

 D8FFFF


 005C1E

 F7FFFF

 004207

 002B00

 000800

 000000

 2CE598

 2CE598

 15E58E

 43E5A2

 00E586

 5AE5AB

 71E5B5

 88E5BE

 9EE5C8

 B5E5D1

 CCE5DB

 E3E5E4

 FAE5EE

# Harmonies

## Analogous

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



9BDC62



2CE598



00E8D8

# Triad

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



2CE598



70CBFF



FF9E81

# Complementary

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



2CE598



E52C79

# 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.



FF92BC



2CE598



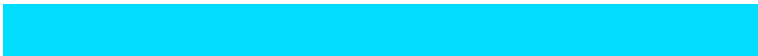
E2B3FF

# Square

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



2CE598



00DDFF



FF9BFA



FFB554

# Rectangle

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



2CE598



00E8FF



FF9BFA



FF9893

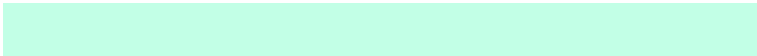


# Sweetspot

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



2CE598



C2FFE6



79E52C



5B8070



000000



808080



# Same Dimension

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



2CE598



08FF98



2CD6E5



67736E



00B368



00331E



# Inverse Universe

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



E52C79



FF086F



E53B2C



73676C



B3004A

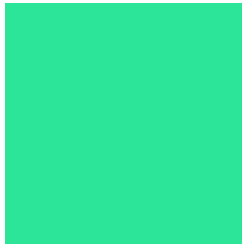


330015



# Previews

## White Background



This preview shows how the Hex color 2CE598 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2CE598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

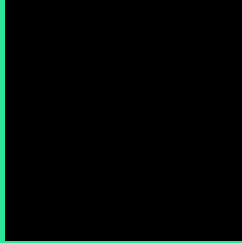
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2CE598 Background



This preview shows how black text looks on a background with the Hex color 2CE598.

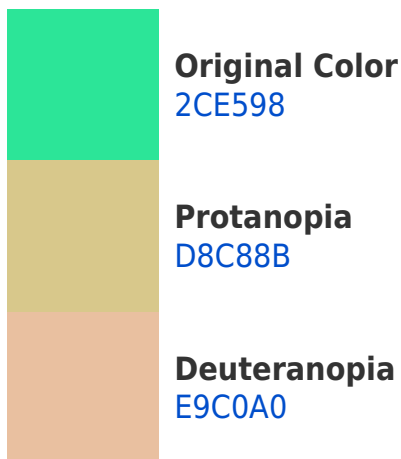


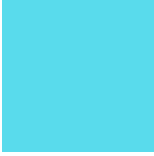
This preview shows how white text looks on a background with the Hex color 2CE598.

# 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



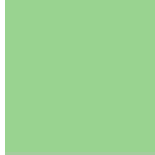


**Tritanopia**  
59DBEC

# Trichromacy



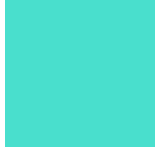
**Original Color**  
2CE598



**Protanomaly**  
99D390



**Deuteranomaly**  
A4CD9D



**Tritanomaly**  
49DFCD

# Monochromacy



**Original Color**  
2CE598



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
79BCA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CE598 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 #2CE598 looks like.

```
.text, #text, p{  
    color:#2CE598  
}
```

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 #2CE598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE598
}
```

## Border

The CSS property to change the border of an element to Hex 2CE598 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
#2CE598 }
```

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

```
.border{ border-color:#2CE598 }
```

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

Here you see how a box with a 4 pixel #2CE598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE598; -webkit-box-shadow:4px 4px  
4px 4px #2CE598; box-shadow:4px 4px 4px  
4px #2CE598 }
```

# Background

The CSS property to change the background color of an element to Hex 2CE598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE598 }
```

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

```
.background{ background-color:#2CE598 }
```

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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