

# Converting Colors

Hex(12C593)

Have a look what the booklet for  
Hex(12C593) contains.

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**Color**

**Hex(12C593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12C593
RGB	18, 197, 147
RGB Percent	7%, 77%, 58%
CMY	0.9294, 0.2275, 0.4235
CMYK	0.91, 0.00, 0.25, 0.23
HSL	163°, 83%, 42%
HSV	163°, 91%, 77%
XYZ	25.4822, 42.1677, 34.3999
YIQ	137.7790, -90.6340, -53.4980

# Conversions

## Conversions Part 2

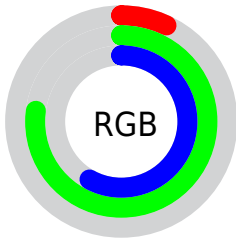
Format	Color
<a href="#">RYB</a>	<a href="#">18, 122, 197</a>
Decimal	<a href="#">1230227</a>
CIELab	<a href="#">70.99, -52.54, 13.76</a>
CIELCh	<a href="#">71, 54.308, 165.323</a>
Yxy	<a href="#">42.1677, 0.2497, 0.4132</a>
Android (android.graphics.Color)	<a href="#">4279420307 (0xFF12C593)</a>
YUV	<a href="#">137.7790, 4.5460, -105.0462</a>
Hunter-Lab	<a href="#">64.9367, -43.5929, 14.0471</a>

# Details

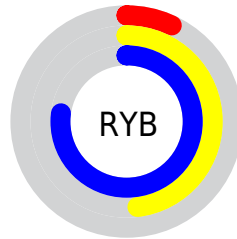
The Hex color **12C593** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C51244**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **68FFC9**, and **008E60** is the 20% darker color. If you saturate the color by 10%, you get **00C58E**, and if you desaturate by 10%, it is **26C599**.

# Distribution



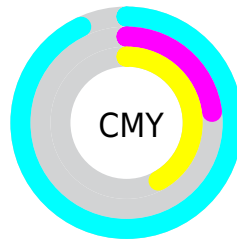
- Red (7%)
- Green (77%)
- Blue (58%)



- Red (7%)
- Yellow (48%)
- Blue (77%)



- Cyan (91%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 12C593 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 12C593 by changing the saturation by 10% instead.



 12C593

 12C593

FFFFFF

 00A979

 68FFC9

 008E60

 87FFE5

 007348

 A6FFFF

 005A32

 C5FFFF

 00411C

 E3FFFF

 002B04

 000700

 000000

 12C593

 12C593

 00C58E

 26C599

 39C59E

 4DC5A4

 61C5A9

 75C5AF

 88C5B4

 9CC5BA

 B0C5BF

 C3C5C5

# Harmonies

## Analogous

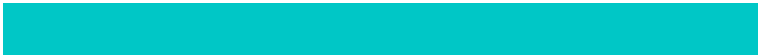
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7ABF65



12C593



00C7C6

# Triad

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



12C593



87AAFF



FE9069

# Complementary

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



12C593



C51244

# 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.



FF8496



12C593



D297F4

# Square

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



12C593



00BAFF



FD86C8



DFA24C

# Rectangle

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



12C593



00C5E6



FD86C8



FF8B77

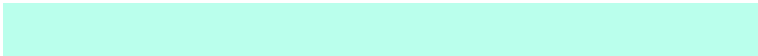


# Sweetspot

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



12C593



BAFFEC



45C512



578074



000000



808080



# Same Dimension

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



12C593



00FFB8



129EC5



5A6361



00A376



00241A



# Inverse Universe

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



C51244



FF0047



C53912



635A5C



A3002E

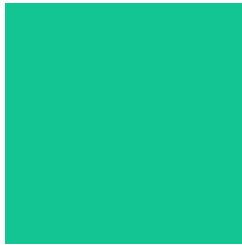


24000A



# Previews

## White Background



This preview shows how the Hex color 12C593 looks on a white background.

## Color Contrast Check

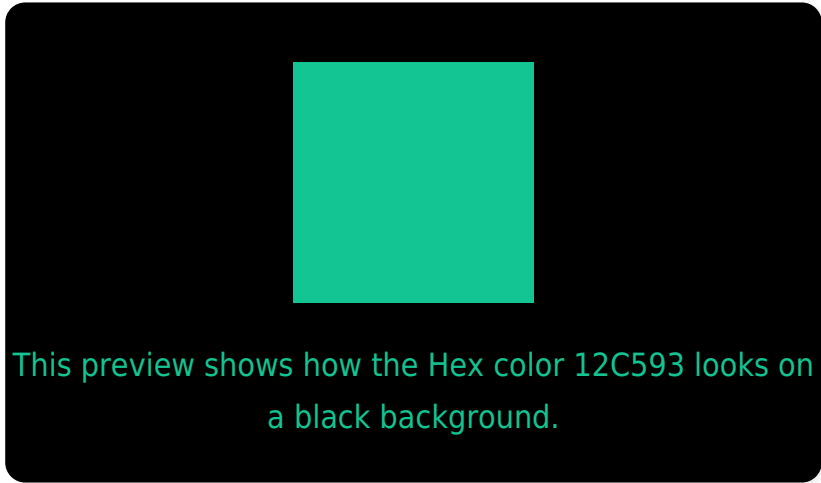
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 12C593 Background



This preview shows how black text looks on a background with the Hex color 12C593.

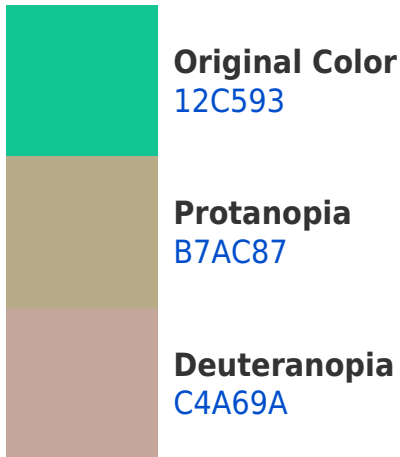


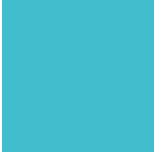
This preview shows how white text looks on a background with the Hex color 12C593.

# 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**  
41BDCD

# Trichromacy



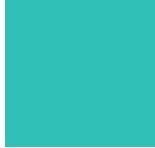
**Original Color**  
12C593



**Protanomaly**  
7BB58B



**Deuteranomaly**  
83B197



**Tritanomaly**  
30C0B8

# Monochromacy



**Original Color**  
12C593



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
5E9F8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 12C593 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 #12C593 looks like.

```
.text, #text, p{  
    color:#12C593  
}
```

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 #12C593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C593
}
```

## Border

The CSS property to change the border of an element to Hex 12C593 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
#12C593 }
```

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

```
.border{ border-color:#12C593 }
```

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

Here you see how a box with a 4 pixel #12C593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C593; -webkit-box-shadow:4px 4px  
4px 4px #12C593; box-shadow:4px 4px 4px  
4px #12C593 }
```

# Background

The CSS property to change the background color of an element to Hex 12C593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C593 }
```

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

```
.background{ background-color:#12C593 }
```

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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