

# Converting Colors

Hex(17C294)

Have a look what the booklet for  
Hex(17C294) contains.

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# Color

Hex(17C294)

# Conversions

## Conversions Part 1

Format	Color
Hex	17C294
RGB	23, 194, 148
RGB Percent	9%, 76%, 58%
CMY	0.9098, 0.2392, 0.4196
CMYK	0.88, 0.00, 0.24, 0.24
HSL	164°, 79%, 43%
HSV	164°, 88%, 76%
XYZ	24.9904, 40.9038, 34.5951
YIQ	137.6270, -87.1500, -50.5580

# Conversions

## Conversions Part 2

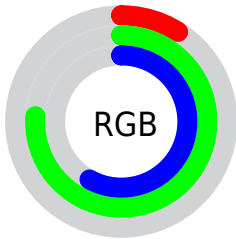
Format	Color
<a href="#">RYB</a>	<a href="#">23, 122, 194</a>
Decimal	<a href="#">1557140</a>
CIELab	<a href="#">70.11, -50.84, 11.99</a>
CIELCh	<a href="#">70, 52.234, 166.730</a>
Yxy	<a href="#">40.9038, 0.2487, 0.4070</a>
Android (android.graphics.Color)	<a href="#">4279747220 (0xFF17C294)</a>
YUV	<a href="#">137.6270, 5.1139, -100.5279</a>
Hunter-Lab	<a href="#">63.9561, -42.1755, 12.6982</a>

# Details

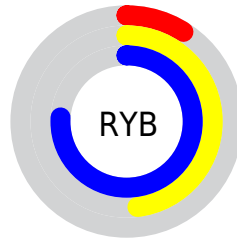
The Hex color **17C294** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C21745**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **69FBCA**, and **008B61** is the 20% darker color. If you saturate the color by 10%, you get **04C28F**, and if you desaturate by 10%, it is **2AC299**.

# Distribution



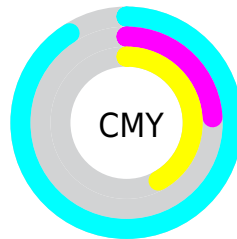
- Red (9%)
- Green (76%)
- Blue (58%)



- Red (9%)
- Yellow (48%)
- Blue (76%)



- Cyan (88%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



- Cyan (91%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17C294 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 17C294 by changing the saturation by 10% instead.



 17C294

 17C294

FFFFFF

 00A67A

 69FBCA

 008B61

 88FFE6

 007149

 A7FFFF

 005733

 C5FFFF

 003E1D

 E4FFFF

 002806

 000100

 000000

 17C294

 17C294

■ 04C28F

■ 2AC299

■ 00C28E

■ 3EC29E

■ 51C2A4

■ 65C2A9

■ 78C2AE

■ 8BC2B3

■ 9FC2B9

■ B2C2BE

■ C6C2C3

# Harmonies

## Analogous

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



77BC68



17C294



00C3C5

# Triad

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



17C294



8BA7FF



F89068

# Complementary

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



17C294



C21745

# 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.



FF8493



17C294



D194ED

# Square

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



17C294



00B6FF



F886C3



D9A14D

# Rectangle

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



17C294



00C2E3



F886C3



FF8B75



# Sweetspot

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



17C294



BBFCEB



47C217



588075



000000



808080



# Same Dimension

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



17C294



00FCB9



179DC2



57615E



00A175



002118



# Inverse Universe

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



C21745



FC0044



C23C17



61575A



A1002B

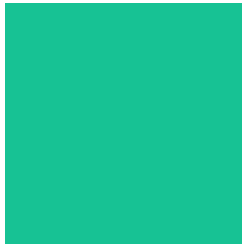


210009



# Previews

## White Background



This preview shows how the Hex color 17C294 looks on a white background.

## Color Contrast Check

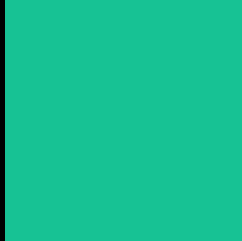
Large Text (above 18pt) WCAG AA × Fail

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 17C294 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

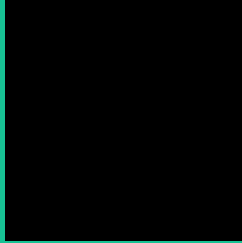
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 17C294 Background



This preview shows how black text looks on a background with the Hex color 17C294.

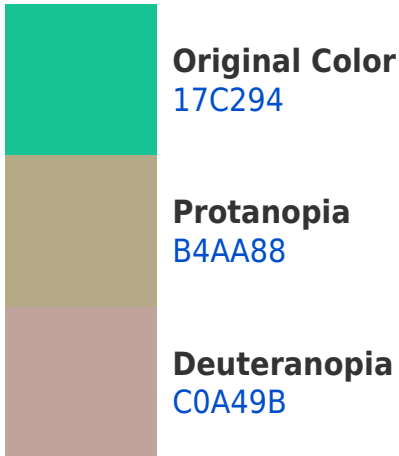


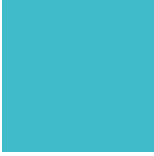
This preview shows how white text looks on a background with the Hex color 17C294.

# 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**  
40BBCA

# Trichromacy



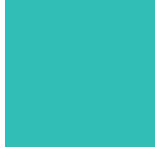
**Original Color**  
17C294



**Protanomaly**  
7BB38C



**Deuteranomaly**  
83AF98



**Tritanomaly**  
31BEB6

# Monochromacy



**Original Color**  
17C294



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
609E8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17C294 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 #17C294 looks like.

```
.text, #text, p{  
    color:#17C294  
}
```

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 #17C294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17C294
}
```

## Border

The CSS property to change the border of an element to Hex 17C294 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
#17C294 }
```

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

```
.border{ border-color:#17C294 }
```

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

Here you see how a box with a 4 pixel #17C294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17C294; -webkit-box-shadow:4px 4px  
4px 4px #17C294; box-shadow:4px 4px 4px  
4px #17C294 }
```

# Background

The CSS property to change the background color of an element to Hex 17C294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17C294 }
```

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

```
.background{ background-color:#17C294 }
```

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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