

Converting Colors

Hex(17C268)

Have a look what the booklet for
Hex(17C268) contains.

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Color

Hex(17C268)

Conversions

Conversions Part 1

Format	Color
Hex	17C268
RGB	23, 194, 104
RGB Percent	9%, 76%, 41%
CMY	0.9098, 0.2392, 0.5922
CMYK	0.88, 0.00, 0.46, 0.24
HSL	148°, 79%, 43%
HSV	148°, 88%, 76%
XYZ	22.1438, 39.7652, 19.6051
YIQ	132.6110, -73.0260, -64.2420

Conversions

Conversions Part 2

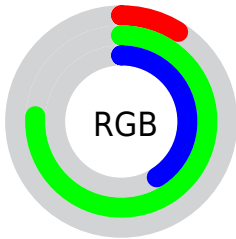
Format	Color
RYB	23, 139, 194
Decimal	1557096
CIELab	69.30, -60.02, 34.14
CIELCh	69, 69.047, 150.370
Yxy	39.7652, 0.2717, 0.4878
Android (android.graphics.Color)	4279747176 (0xFF17C268)
YUV	132.6110, -14.1052, -96.1288
Hunter-Lab	63.0597, -47.6729, 25.7087

Details

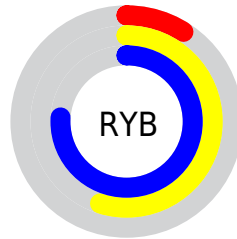
The Hex color **17C268** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C21771**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **68FC9C**, and **008B37** is the 20% darker color. If you saturate the color by 10%, you get **04C25E**, and if you desaturate by 10%, it is **2AC272**.

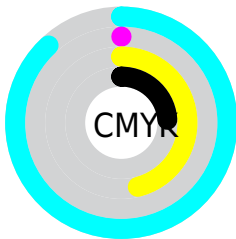
Distribution



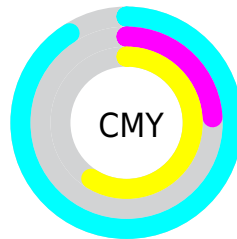
- Red (9%)
- Green (76%)
- Blue (41%)



- Red (9%)
- Yellow (55%)
- Blue (76%)



- Cyan (88%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (91%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17C268 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 17C268 by changing the saturation by 10% instead.

 17C268

 17C268

FFFFFF

 00A64F

 68FC9C

 008B37

 87FFB8

 00701E


 A6FFD4

 005604

 C4FFF0

 003D00

 E3FFFF

 002600

 000000

 17C268

 17C268

 04C25E

 2AC272

■ 00C25C

■ 3EC27C

■ 51C287

■ 65C291

■ 78C29B

■ 8BC2A5

■ 9FC2AF

■ B2C2BA

■ C6C2C4

Harmonies

Analogous

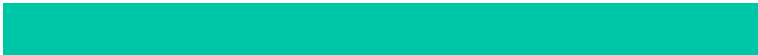
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89B831



17C268



00C6A8

Triad

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



17C268



00B0FF



FF756E

Complementary

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



17C268



C21771

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.



FF6CAB



17C268



A998FF

Square

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



17C268



00BFFF



F57CE8



F88E39

Rectangle

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



17C268



00C7D3



F57CE8



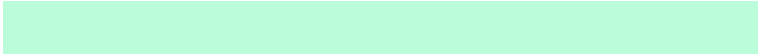
FF7081

Sweetspot

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



17C268



BBFCDA



72C217



58806B



000000



808080

Same Dimension

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



17C268



00FC78



17C2BC



57615C



00A14C



002110

Inverse Universe

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



C21771



FC0085



C2171D



61575C



A10055



210011

Previews

White Background



This preview shows how the Hex color 17C268 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 17C268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

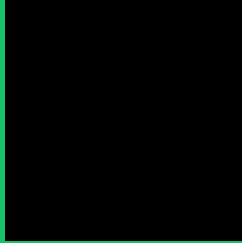
Any Text WCAG AA ✓ Pass

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 17C268 Background



This preview shows how black text looks on a background with the Hex color 17C268.

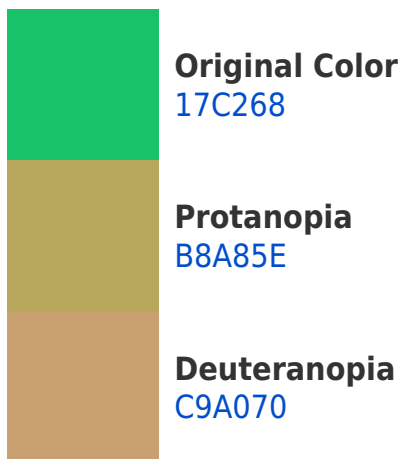


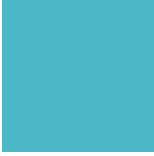
This preview shows how white text looks on a background with the Hex color 17C268.

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
4CB7C6

Trichromacy



Original Color
17C268



Protanomaly
7DB162



Deuteranomaly
88AC6D



Tritanomaly
39BBA4

Monochromacy



Original Color
17C268



Achromatopsia
858585



Achromatomaly
5D9B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 17C268 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 #17C268 looks like.

```
.text, #text, p{  
    color:#17C268  
}
```

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 #17C268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17C268
}
```

Border

The CSS property to change the border of an element to Hex 17C268 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
#17C268 }
```

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

```
.border{ border-color:#17C268 }
```

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

Here you see how a box with a 4 pixel #17C268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17C268; -webkit-box-shadow:4px 4px  
4px 4px #17C268; box-shadow:4px 4px 4px  
4px #17C268 }
```

Background

The CSS property to change the background color of an element to Hex 17C268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17C268 }
```

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

```
.background{ background-color:#17C268 }
```

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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