

Converting Colors

Hex(15C128)

Have a look what the booklet for
Hex(15C128) contains.

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Color

Hex(15C128)

Conversions

Conversions Part 1

Format	Color
Hex	15C128
RGB	21, 193, 40
RGB Percent	8%, 76%, 16%
CMY	0.9176, 0.2431, 0.8431
CMYK	0.89, 0.00, 0.79, 0.24
HSL	127°, 80%, 42%
HSV	127°, 89%, 76%
XYZ	19.7622, 38.4526, 8.3880
YIQ	124.1300, -53.3990, -84.0470

Conversions

Conversions Part 2

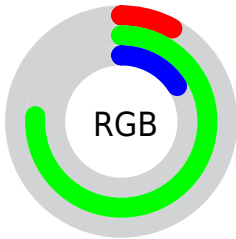
Format	Color
RYB	21, 176, 193
Decimal	1425704
CIELab	68.35, -67.38, 60.34
CIELCh	68, 90.445, 138.156
Yxy	38.4526, 0.2967, 0.5773
Android (android.graphics.Color)	4279615784 (0xFF15C128)
YUV	124.1300, -41.4761, -90.4450
Hunter-Lab	62.0101, -51.6309, 35.3870

Details

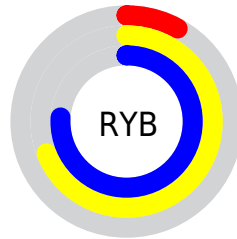
The Hex color **15C128** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C115AE**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6AFB62**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **02C117**, and if you desaturate by 10%, it is **28C139**.

Distribution



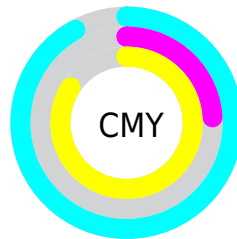
- Red (8%)
- Green (76%)
- Blue (16%)



- Red (8%)
- Yellow (69%)
- Blue (76%)



- Cyan (89%)
- Magenta (0%)
- Yellow (79%)
- Black (24%)



- Cyan (92%)
- Magenta (24%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C128 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 15C128 by changing the saturation by 10% instead.

 15C128

 15C128


FFFFFF

 00A500

 6AFB62

 008A00

 89FF7D

 006F00

 A8FF99

 005500

 C7FFB5

 003D00

 E6FFD2

 002400

 FFFFEF

 000000

 15C128

 15C128

 02C117

 28C139

■ 00C115

■ 3CC14A

■ 4FC15C

■ 62C16D

■ 76C17E

■ 89C18F

■ 9CC1A0

■ AFC1B1

■ C3C1C3

Harmonies

Analogous

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



9AB200



15C128



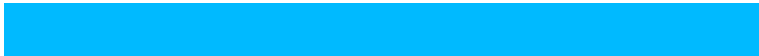
00C882

Triad

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



15C128



00BAFF



FF4679

Complementary

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



15C128



C115AE

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.



FF48CB



15C128



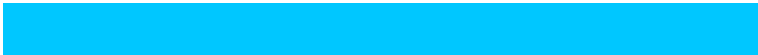
3F9FFF

Square

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



15C128



00C7FF



E676FF



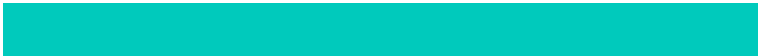
FF7029

Rectangle

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



15C128



00CABC



E676FF



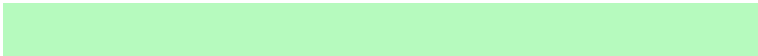
FF3F94

Sweetspot

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



15C128



B6FABE



B0C115



557D59



FCFCFC



7D7D7D

Same Dimension

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



15C128



00FA1C



15C17C



576158



00A112



002104

Inverse Universe

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



C115AE



FA00DE



C1155A



615760



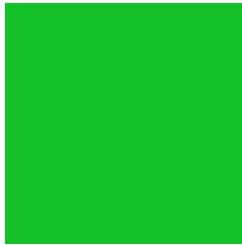
A1008F



21001D

Previews

White Background



This preview shows how the Hex color 15C128 looks on a white background.

Color Contrast Check

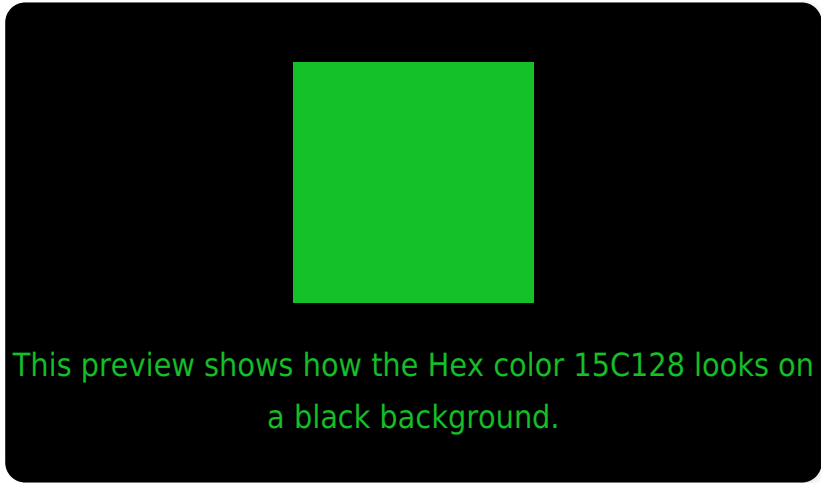
Large Text (above 18pt) WCAG AA × Fail

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 15C128 Background



This preview shows how black text looks on a background with the Hex color 15C128.

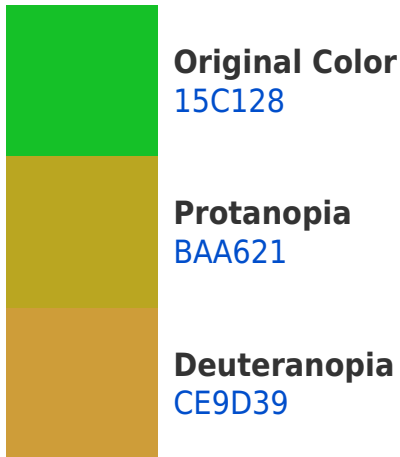


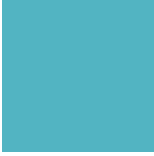
This preview shows how white text looks on a background with the Hex color 15C128.

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
52B4C2

Trichromacy



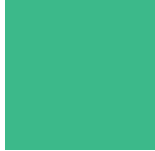
Original Color
15C128



Protanomaly
7EB024



Deuteranomaly
8BAA33



Tritanomaly
3CB98A

Monochromacy



Original Color
15C128



Achromatopsia
7C7C7C



Achromatomaly
57955D

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C128 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 #15C128 looks like.

```
.text, #text, p{  
    color:#15C128  
}
```

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 #15C128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C128
}
```

Border

The CSS property to change the border of an element to Hex 15C128 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
#15C128 }
```

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

```
.border{ border-color:#15C128 }
```

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

Here you see how a box with a 4 pixel #15C128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C128; -webkit-box-shadow:4px 4px  
4px 4px #15C128; box-shadow:4px 4px 4px  
4px #15C128 }
```

Background

The CSS property to change the background color of an element to Hex 15C128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C128 }
```

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

```
.background{ background-color:#15C128 }
```

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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