

Converting Colors

Hex(15C727)

Have a look what the booklet for
Hex(15C727) contains.

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Color

Hex(15C727)

Conversions

Conversions Part 1

Format	Color
Hex	15C727
RGB	21, 199, 39
RGB Percent	8%, 78%, 15%
CMY	0.9176, 0.2196, 0.8471
CMYK	0.89, 0.00, 0.80, 0.22
HSL	126°, 81%, 43%
HSV	126°, 89%, 78%
XYZ	21.0989, 41.1528, 8.7507
YIQ	127.5380, -54.7280, -87.4960

Conversions

Conversions Part 2

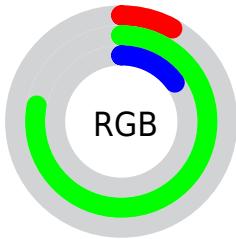
Format	Color
RYB	21, 183, 199
Decimal	1427239
CIELab	70.28, -69.16, 62.45
CIELCh	70, 93.189, 137.918
Yxy	41.1528, 0.2972, 0.5796
Android (android.graphics.Color)	4279617319 (0xFF15C727)
YUV	127.5380, -43.6492, -93.4338
Hunter-Lab	64.1504, -53.5551, 36.8176

Details

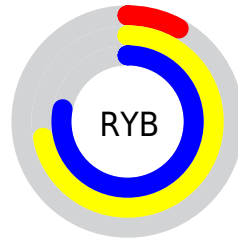
The Hex color **15C727** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C715B5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6BFF62**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **01C715**, and if you desaturate by 10%, it is **29C739**.

Distribution



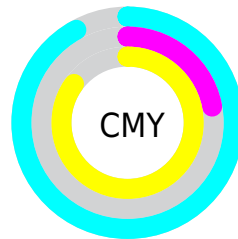
- Red (8%)
- Green (78%)
- Blue (15%)



- Red (8%)
- Yellow (72%)
- Blue (78%)



- Cyan (89%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C727 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 15C727 by changing the saturation by 10% instead.

 15C727

 15C727

FFFFFF

 00AB00

 6BFF62

 008F00

 8CFF7E

 007400

 ABFF99

 005A00

 CAFFB6

 004100

 E9FFD3

 002900

 FFFFF0

 000200

 000000

 15C727

 15C727

 01C715

 29C739

 00C714

 3DC74B

 51C75D

 65C76F

 79C780

 8CC792

 A0C7A4

 B4C7B6

 C8C7C8

Harmonies

Analogous

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



9FB700



15C727



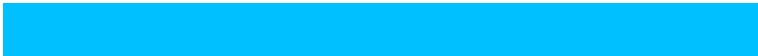
00CF85

Triad

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



15C727



00C0FF



FF467D

Complementary

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



15C727



C715B5

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.



FF49D2



15C727



3AA5FF

Square

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



15C727



00CDFE



EC7AFF



FF732A

Rectangle

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



15C727



00D1C1



EC7AFF



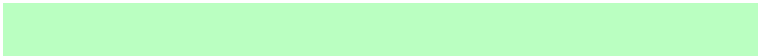
FF3F99

Sweetspot

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



15C727



BAFFC1



B5C715



57805B



000000



808080

Same Dimension

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



15C727



00FF1A



15C780



5A635B



00A311



002404

Inverse Universe

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



C715B5



FF00E5



C7155C



635A62



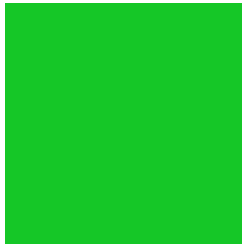
A30093



240020

Previews

White Background



This preview shows how the Hex color 15C727 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 15C727 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 15C727 Background



This preview shows how black text looks on a background with the Hex color 15C727.



This preview shows how white text looks on a background with the Hex color 15C727.

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](#).

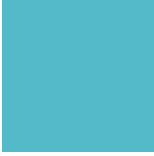
Dichromacy



Original Color
15C727

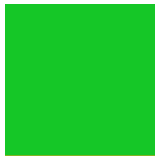
Protanopia
C0AB20

Deuteranopia
D5A239



Tritanopia
54B9C8

Trichromacy



Original Color
15C727



Protanomaly
82B523



Deuteranomaly
8FAF32



Tritanomaly
3DBE8D

Monochromacy



Original Color
15C727



Achromatopsia
808080



Achromatomaly
599A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C727 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 #15C727 looks like.

```
.text, #text, p{  
    color:#15C727  
}
```

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 #15C727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C727
}
```

Border

The CSS property to change the border of an element to Hex 15C727 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
#15C727 }
```

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

```
.border{ border-color:#15C727 }
```

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

Here you see how a box with a 4 pixel #15C727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C727; -webkit-box-shadow:4px 4px  
4px 4px #15C727; box-shadow:4px 4px 4px  
4px #15C727 }
```

Background

The CSS property to change the background color of an element to Hex 15C727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C727 }
```

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

```
.background{ background-color:#15C727 }
```

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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