

Converting Colors

Hex(15B714)

Have a look what the booklet for
Hex(15B714) contains.

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Color

Hex(15B714)

Conversions

Conversions Part 1

Format	Color
Hex	15B714
RGB	21, 183, 20
RGB Percent	8%, 72%, 8%
CMY	0.9176, 0.2824, 0.9216
CMYK	0.89, 0.00, 0.89, 0.28
HSL	120°, 80%, 40%
HSV	120°, 89%, 72%
XYZ	17.3690, 34.0769, 6.3239
YIQ	115.9800, -44.2290, -85.0370

Conversions

Conversions Part 2

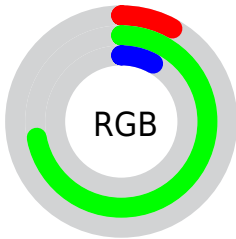
Format	Color
RYB	20, 183, 182
Decimal	1423124
CIELab	65.02, -65.50, 62.24
CIELCh	65, 90.359, 136.462
Yxy	34.0769, 0.3007, 0.5899
Android (android.graphics.Color)	4279613204 (0xFF15B714)
YUV	115.9800, -47.3181, -83.2975
Hunter-Lab	58.3754, -49.0462, 34.4398

Details

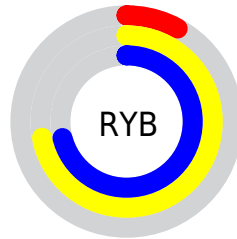
The Hex color **15B714** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B614B7**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67F054**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **03B702**, and if you desaturate by 10%, it is **27B726**.

Distribution



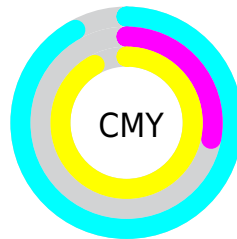
- Red (8%)
- Green (72%)
- Blue (8%)



- Red (8%)
- Yellow (72%)
- Blue (71%)



- Cyan (89%)
- Magenta (0%)
- Yellow (89%)
- Black (28%)



- Cyan (92%)
- Magenta (28%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15B714 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 15B714 by changing the saturation by 10% instead.

 15B714

 15B714

FFFFFF

 009B00

 67F054

 008000

 87FF70

 006600

 A6FF8B

 004C00

 C4FFA8

 003500

 E3FFC4

 001A00

 FFFFE1

 000000

 15B714

 15B714

 03B702

 27B726

 01B700

 39B739

 4CB74B

 5EB75D

 70B770

 82B782

 94B794

 A7B7A6

 B9B7B9

Harmonies

Analogous

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



95A800



15B714



00BE75

Triad

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



15B714



00B2FF



FF3675

Complementary

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



15B714



B614B7

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.



FF3EC6



15B714



0099FF

Square

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



15B714



00BEFF



D66FFF



FF6425

Rectangle

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



15B714



00C0AE



D66FFF



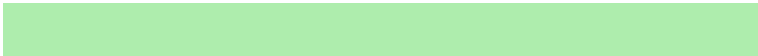
FF2F90

Sweetspot

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



15B714



AEEDAD



B7B414



527851



F7F7F7



787878

Same Dimension

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



15B714



01ED00



14B763



535C53



019C00



001C00

Inverse Universe

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



B614B7



EC00ED



B71468



5C535C



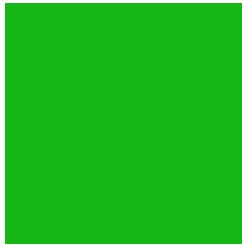
9B009C



1C001C

Previews

White Background



This preview shows how the Hex color 15B714 looks on a white background.

Color Contrast Check

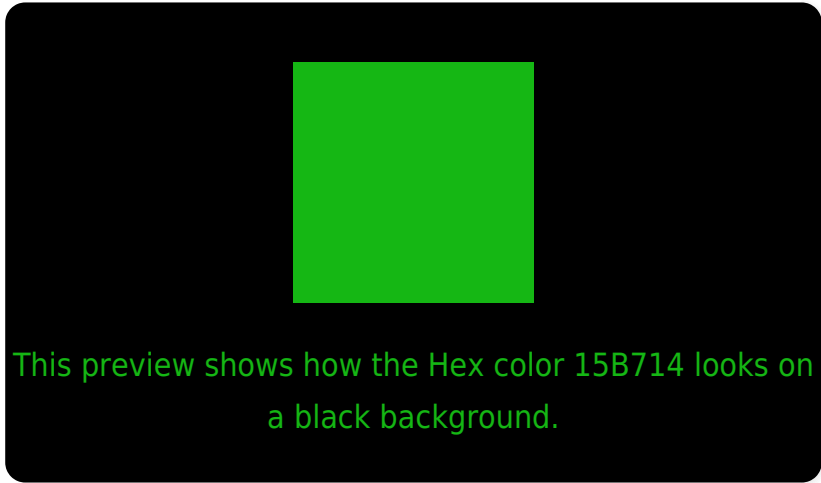
Large Text (above 18pt) WCAG AA × Fail

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 15B714 Background



This preview shows how black text looks on a background with the Hex color 15B714.

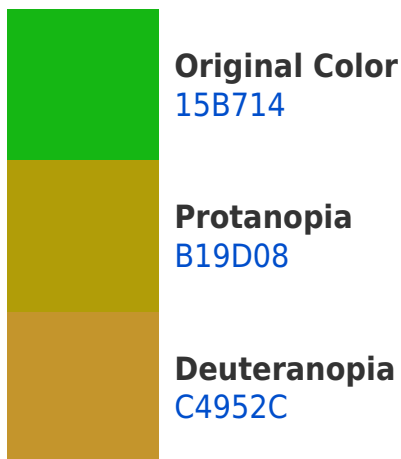


This preview shows how white text looks on a background with the Hex color 15B714.

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
4FAAB8

Trichromacy



Original Color
15B714



Protanomaly
78A60C



Deuteranomaly
84A123



Tritanomaly
3AAF7C

Monochromacy



Original Color
15B714



Achromatopsia
747474



Achromatomaly
518C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 15B714 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 #15B714 looks like.

```
.text, #text, p{  
    color:#15B714  
}
```

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 #15B714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B714
}
```

Border

The CSS property to change the border of an element to Hex 15B714 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
#15B714 }
```

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

```
.border{ border-color:#15B714 }
```

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

Here you see how a box with a 4 pixel #15B714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B714; -webkit-box-shadow:4px 4px  
4px 4px #15B714; box-shadow:4px 4px 4px  
4px #15B714 }
```

Background

The CSS property to change the background color of an element to Hex 15B714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B714 }
```

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

```
.background{ background-color:#15B714 }
```

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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