

# Converting Colors

Hex(19B814)

Have a look what the booklet for  
Hex(19B814) contains.

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**Color**

**Hex(19B814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19B814
RGB	25, 184, 20
RGB Percent	10%, 72%, 8%
CMY	0.9020, 0.2784, 0.9216
CMYK	0.86, 0.00, 0.89, 0.28
HSL	118°, 80%, 40%
HSV	118°, 89%, 72%
XYZ	17.6677, 34.5382, 6.3972
YIQ	117.7630, -42.1200, -84.7120

# Conversions

## Conversions Part 2

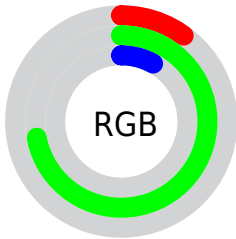
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 184, 179
Decimal	1685524
CIELab	65.39, -65.45, 62.57
CIELCh	65, 90.552, 136.290
Yxy	34.5382, 0.3015, 0.5894
Android (android.graphics.Color)	4279875604 (0xFF19B814)
YUV	117.7630, -48.1972, -81.3532
Hunter-Lab	58.7692, -49.1840, 34.6846

# Details

The Hex color **19B814** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B314B8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **69F154**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **07B802**, and if you desaturate by 10%, it is **2BB826**.

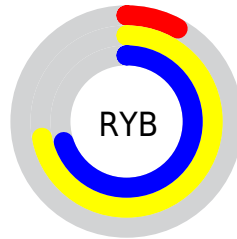
# Distribution



Red (10%)

Green (72%)

Blue (8%)



Red (8%)

Yellow (72%)

Blue (70%)

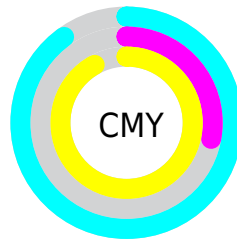


Cyan (86%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (90%)

Magenta (28%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19B814 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 19B814 by changing the saturation by 10% instead.



 19B814

 19B814

FFFFFF

 009C00

 69F154

 008100

 89FF70

 006700

 A7FF8C

 004D00

 C6FFA8

 003600

 E4FFC4

 001B00

 FFFFE1

 000000

 19B814

 19B814

 07B802

 2BB826

 06B800

 3DB839

 4FB84B

 60B85E

 72B870

 84B882

 96B895

 A8B8A7

 BAB8BA

# Harmonies

## Analogous

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



97A900



19B814



00BF75

# Triad

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



19B814



00B3FF



FF3777

# Complementary

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



19B814



B314B8

# 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.



FF3FC8



19B814



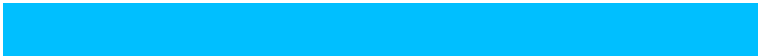
009AFF

# Square

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



19B814



00BFFF



D771FF



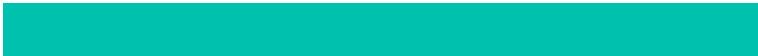
FF6527

# Rectangle

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



19B814



00C1AE



D771FF



FF3091

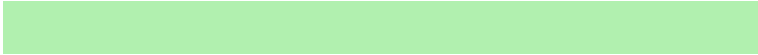


# Sweetspot

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



19B814



B1F0AF



B8B314



537851



F7F7F7



787878



# Same Dimension

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



19B814



07F000



14B861



535C53



059C00



011C00



# Inverse Universe

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



B314B8



E800F0



B8146B



5C535C



97009C

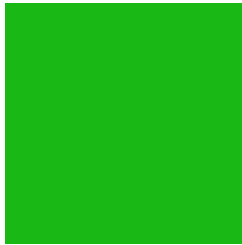


1B001C



# Previews

## White Background



This preview shows how the Hex color 19B814 looks on a white background.

## Color Contrast Check

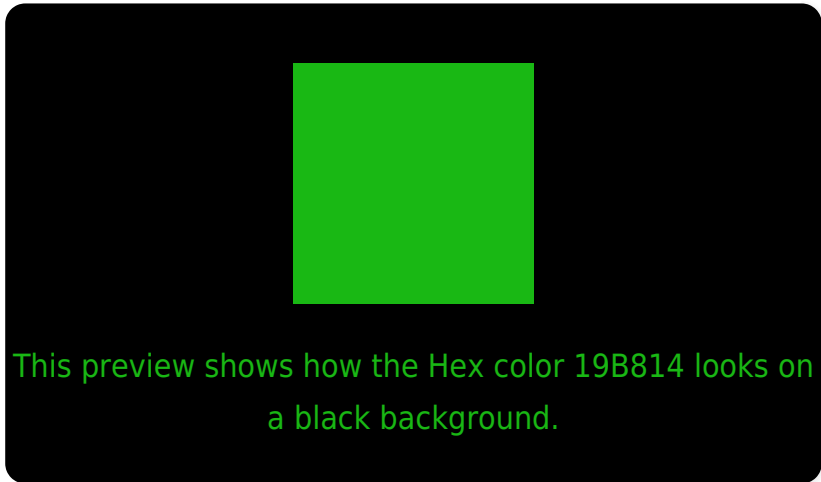
Large Text (above 18pt) WCAG AA × Fail

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 19B814 Background



This preview shows how black text looks on a background with the Hex color 19B814.

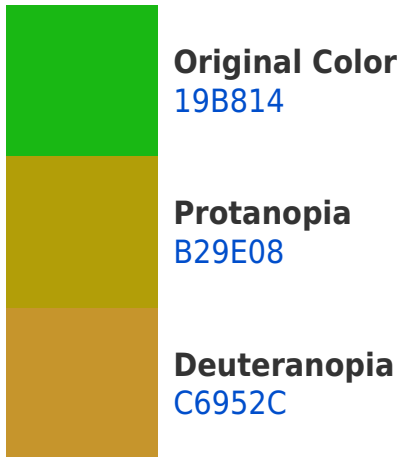


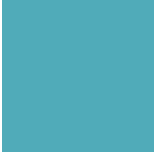
This preview shows how white text looks on a background with the Hex color 19B814.

# 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](#).

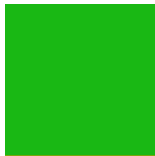
## Dichromacy





**Tritanopia**  
50ABB9

# Trichromacy



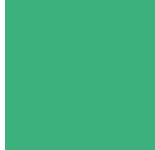
**Original Color**  
19B814



**Protanomaly**  
7AA70C



**Deuteranomaly**  
87A223



**Tritanomaly**  
3CB07D

# Monochromacy



**Original Color**  
19B814



**Achromatopsia**  
767676



**Achromatomaly**  
548E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19B814 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 #19B814 looks like.

```
.text, #text, p{  
    color:#19B814  
}
```

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 #19B814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19B814
}
```

## Border

The CSS property to change the border of an element to Hex 19B814 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
#19B814 }
```

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

```
.border{ border-color:#19B814 }
```

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

Here you see how a box with a 4 pixel #19B814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19B814; -webkit-box-shadow:4px 4px  
4px 4px #19B814; box-shadow:4px 4px 4px  
4px #19B814 }
```

# Background

The CSS property to change the background color of an element to Hex 19B814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19B814 }
```

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

```
.background{ background-color:#19B814 }
```

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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