

# Converting Colors

Hex(19BE42)

Have a look what the booklet for  
Hex(19BE42) contains.

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**Color**

**Hex(19BE42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19BE42
RGB	25, 190, 66
RGB Percent	10%, 75%, 26%
CMY	0.9020, 0.2549, 0.7412
CMYK	0.87, 0.00, 0.65, 0.25
HSL	135°, 77%, 42%
HSV	135°, 87%, 75%
XYZ	19.7977, 37.4269, 11.3349
YIQ	126.5290, -58.5360, -73.5440

# Conversions

## Conversions Part 2

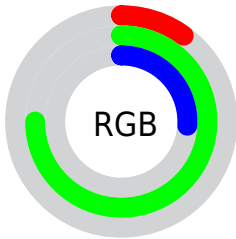
Format	Color
<a href="#">RYB</a>	<a href="#">25, 157, 190</a>
Decimal	<a href="#">1687106</a>
CIELab	<a href="#">67.60, -63.94, 50.05</a>
CIELCh	<a href="#">68, 81.197, 141.949</a>
Yxy	<a href="#">37.4269, 0.2888, 0.5459</a>
Android (android.graphics.Color)	<a href="#">4279877186</a> ( <a href="#">0xFF19BE42</a> )
YUV	<a href="#">126.5290, -29.8408, -89.0409</a>
Hunter-Lab	<a href="#">61.1776, -49.2962, 31.8391</a>

# Details

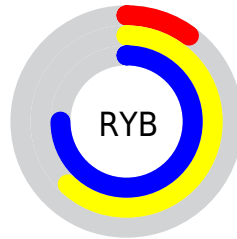
The Hex color **19BE42** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BE1995**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **69F877**, and **008703** is the 20% darker color. If you saturate the color by 10%, you get **06BE34**, and if you desaturate by 10%, it is **2CBE50**.

# Distribution



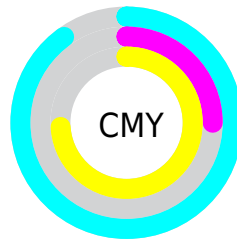
- Red (10%)
- Green (75%)
- Blue (26%)



- Red (10%)
- Yellow (62%)
- Blue (75%)



- Cyan (87%)
- Magenta (0%)
- Yellow (65%)
- Black (25%)



- Cyan (90%)
- Magenta (25%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19BE42 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 19BE42 by changing the saturation by 10% instead.



 19BE42

 19BE42

FFFFFF

 00A227

 69F877

 008703

 88FF92

 006C00

 A7FFAD

 005300

 C5FFCA

 003A00

 E4FFE6

 002200

 000000

 19BE42

 19BE42

 06BE34

 2CBE50

 00BE2F

 3FBE5F

 52BE6D

 65BE7B

 78BE89

 8BBE98

 9EBEA6

 B1BEB4

 C4BEC3

# Harmonies

## Analogous

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



92B100



19BE42



00C48E

# Triad

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



19BE42



00B3FF



FF5A73

# Complementary

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



19BE42



BE1995

# 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.



FF56BC



19BE42



759AFF

# Square

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



19BE42



00C1FF



E876FF



FF7A2E

# Rectangle

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



19BE42



00C6C1



E876FF



FF538B

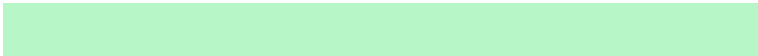


# Sweetspot

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



19BE42



B7F7C7



98BE19



567D60



FCFCFC



7D7D7D



# Same Dimension

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



19BE42



00F73D



19BE92



555E57



009E27



001F08



# Inverse Universe

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



BE1995



F700BA



BE1945



5E555C



9E0077



1F0017



# Previews

## White Background



This preview shows how the Hex color 19BE42 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 19BE42 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 19BE42 Background



This preview shows how black text looks on a background with the Hex color 19BE42.

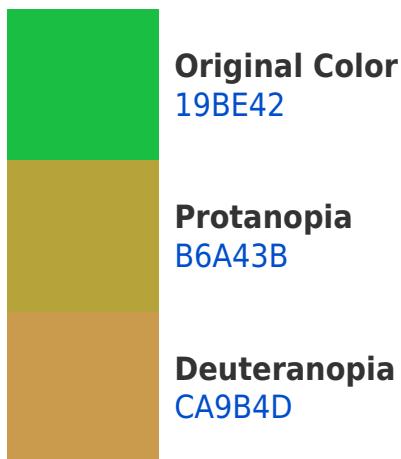


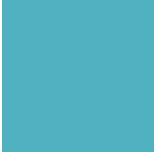
This preview shows how white text looks on a background with the Hex color 19BE42.

# 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**  
50B2C0

# Trichromacy



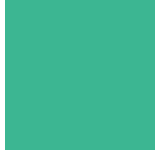
**Original Color**  
19BE42



**Protanomaly**  
7DAD3E



**Deuteranomaly**  
8AA849



**Tritanomaly**  
3CB692

# Monochromacy



**Original Color**  
19BE42



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
5A9669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19BE42 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 #19BE42 looks like.

```
.text, #text, p{  
    color:#19BE42  
}
```

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 #19BE42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19BE42
}
```

## Border

The CSS property to change the border of an element to Hex 19BE42 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
#19BE42 }
```

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

```
.border{ border-color:#19BE42 }
```

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

Here you see how a box with a 4 pixel #19BE42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19BE42; -webkit-box-shadow:4px 4px  
4px 4px #19BE42; box-shadow:4px 4px 4px  
4px #19BE42 }
```

# Background

The CSS property to change the background color of an element to Hex 19BE42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19BE42 }
```

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

```
.background{ background-color:#19BE42 }
```

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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