

# Converting Colors

Decimal(1830989)

Have a look what the booklet for  
Decimal(1830989) contains.

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# **Color**

**Decimal(1830989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BF04D
RGB	27, 240, 77
RGB Percent	11%, 94%, 30%
CMY	0.8941, 0.0588, 0.6980
CMYK	0.89, 0.00, 0.68, 0.06
HSL	134°, 88%, 52%
HSV	134°, 89%, 94%
XYZ	32.9516, 63.0890, 17.4618
YIQ	157.7310, -74.6250, -95.8490

# Conversions

## Conversions Part 2

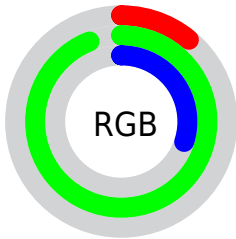
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 200, 240
Decimal	1830989
CIELab	83.49, -77.58, 62.87
CIELCh	83, 99.860, 140.979
Yxy	63.0890, 0.2903, 0.5558
Android (android.graphics.Color)	4280021069 (0xFF1BF04D)
YUV	157.7310, -39.8004, -114.6511
Hunter-Lab	79.4286, -64.9478, 42.5655

# Details

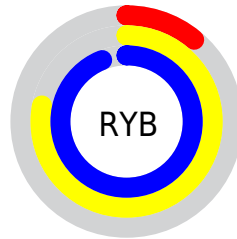
The Decimal color **1830989** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **15735742**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **7864197**, and **46595** is the 20% darker color. If you saturate the color by 10%, you get **258107**, and if you desaturate by 10%, it is **3403871**.

# Distribution



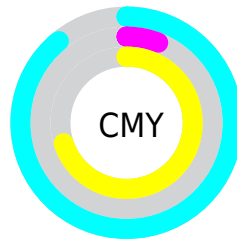
- Red (11%)
- Green (94%)
- Blue (30%)



- Red (11%)
- Yellow (78%)
- Blue (94%)



- Cyan (89%)
- Magenta (0%)
- Yellow (68%)
- Black (6%)



- Cyan (89%)
- Magenta (6%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1830989 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 Decimal color 1830989 by changing the saturation by 10% instead.



 1830989

 1830989

16777215

 54063

 7864197

 46595

 10092449

 39424

 12189630

 32512

 14286811

 25600

 16383992

 18944

 12544

 5376

 0

■ 1830989

■ 1830989

■ 258107

■ 3403871

■ 61496

■ 4976754

■ 6549636

■ 8122518

■ 9695401

■ 11268283

■ 12841166

■ 14414048

■ 15986930

# Harmonies

## Analogous

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



12312320



1830989



63663

# Triad

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



1830989



58623



16739475

# Complementary

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



1830989



15735742

# 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.



16738545



1830989



8897791

# Square

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



1830989



62975



16750079



16750649

# Rectangle

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



1830989



64241



16750079



16737202

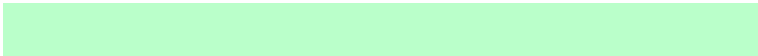


# Sweetspot

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



1830989



12255178



12513307



5734496



0



8421504



# Same Dimension

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



1830989



65340



1831095



7108719



47147



14349



# Inverse Universe

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



15735742



16711875



15735636



7892085



12058765

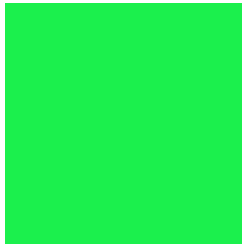


3670059



# Previews

## White Background



This preview shows how the Decimal color 1830989 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 Decimal color 1830989 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](#).



## Decimal 1830989 Background



This preview shows how black text looks on a background with the Decimal color 1830989.

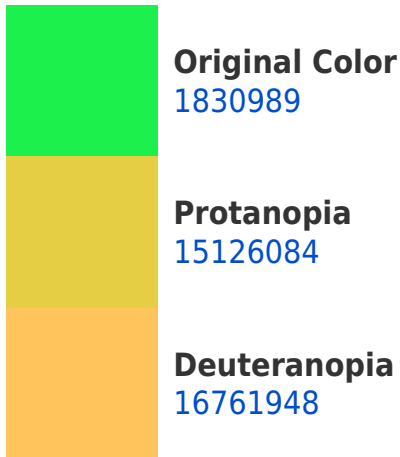


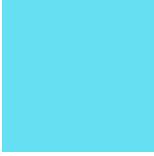
This preview shows how white text looks on a background with the Decimal color 1830989.

# 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**  
6611186

# Trichromacy



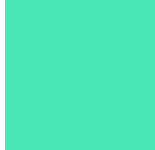
**Original Color**  
1830989



**Protanomaly**  
10279495



**Deuteranomaly**  
11326551



**Tritanomaly**  
4843190

# Monochromacy



**Original Color**  
1830989



**Achromatopsia**  
10395294



**Achromatomaly**  
7257217

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1830989 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 #1BF04D looks like.

```
.text, #text, p{  
    color:#1BF04D  
}
```

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 #1BF04D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BF04D
}
```

## Border

The CSS property to change the border of an element to Decimal 1830989 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
#1BF04D }
```

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

```
.border{ border-color:#1BF04D }
```

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

Here you see how a box with a 4 pixel #1BF04D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BF04D; -webkit-box-shadow:4px 4px  
4px 4px #1BF04D; box-shadow:4px 4px 4px  
4px #1BF04D }
```

# Background

The CSS property to change the background color of an element to Decimal 1830989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BF04D }
```

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

```
.background{ background-color:#1BF04D }
```

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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