

# Converting Colors

Decimal(1965955)

Have a look what the booklet for  
Decimal(1965955) contains.

<b>Decimal(1965955)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(1965955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DFF83
RGB	29, 255, 131
RGB Percent	11%, 100%, 51%
CMY	0.8863, 0.0000, 0.4863
CMYK	0.89, 0.00, 0.49, 0.00
HSL	147°, 100%, 56%
HSV	147°, 89%, 100%
XYZ	40.3634, 73.4199, 33.5168
YIQ	173.2900, -94.8920, -86.4760

# Conversions

## Conversions Part 2

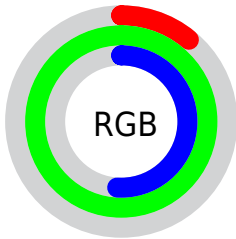
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 185, 255
Decimal	1965955
CIE <sub>Lab</sub>	88.65, -75.24, 45.39
CIE <sub>LCh</sub>	89, 87.870, 148.901
Yxy	73.4199, 0.2740, 0.4984
Android (android.graphics.Color)	4280156035 (0xFF1DFF83)
YUV	173.2900, -20.8490, -126.5423
Hunter-Lab	85.6854, -65.8643, 36.7878

# Details

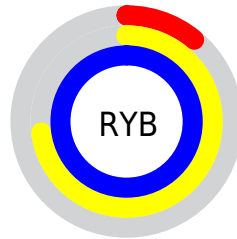
The Decimal color **1965955** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **16719257**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **7995322**, and **50511** is the 20% darker color. If you saturate the color by 10%, you get **327541**, and if you desaturate by 10%, it is **3669905**.

# Distribution



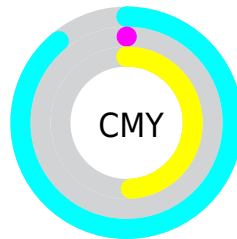
- Red (11%)
- Green (100%)
- Blue (51%)



- Red (11%)
- Yellow (73%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1965955 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 1965955 by changing the saturation by 10% instead.



1965955

1965955

16777215

57961

7995322

50511

10223574

43061

12386291

36121

14483455

28928

16580607

22272

15872

9216

0

■ 1965955

■ 1965955

■ 327541

■ 3669905

■ 65395

■ 5308319

■ 7012269

■ 8650683

■ 10354633

■ 11993047

■ 13696997

■ 15335411

16777215

# Harmonies

## Analogous

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



12120375



1965955



65497

# Triad

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



1965955



59903



16750483

# Complementary

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



1965955



16719257

# 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.



16747493



1965955



14142207

# Square

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



1965955



65023



16753663



16759115

# Rectangle

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



1965955



65535



16753663



16748461

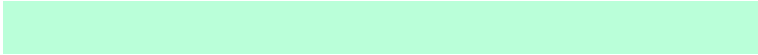


# Sweetspot

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



1965955



12255193



10092317



5734505



0



8421504



# Same Dimension

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



1965955



65395



1966068



7569529



48982



16413



# Inverse Universe

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



16719257



16711820



16719144



8418170



12517481

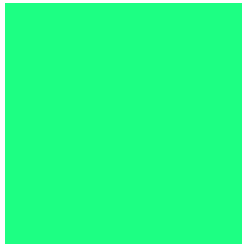


4194339



# Previews

## White Background



This preview shows how the Decimal color 1965955 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 1965955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

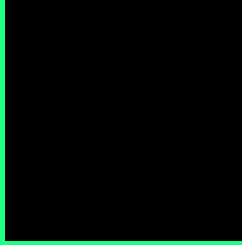
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

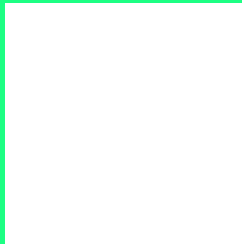
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 1965955 Background



This preview shows how black text looks on a background with the Decimal color 1965955.

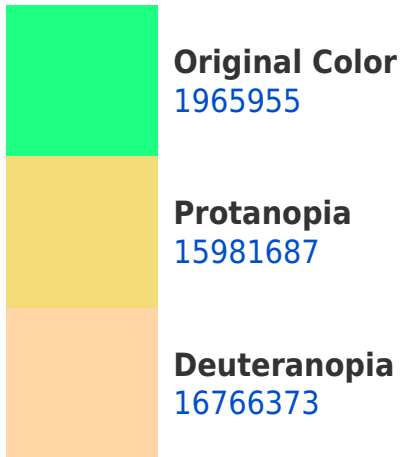


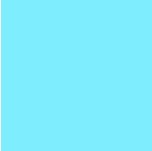
This preview shows how white text looks on a background with the Decimal color 1965955.

# 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**  
8318719

# Trichromacy



**Original Color**  
1965955



**Protanomaly**  
10873211



**Deuteranomaly**  
11396249



**Tritanomaly**  
6026450

# Monochromacy



**Original Color**  
1965955



**Achromatopsia**  
11382189



**Achromatomaly**  
7981982

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1965955 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 #1DFF83 looks like.

```
.text, #text, p{  
    color:#1DFF83  
}
```

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 #1DFF83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DFF83
}
```

## Border

The CSS property to change the border of an element to Decimal 1965955 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
#1DFF83 }
```

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

```
.border{ border-color:#1DFF83 }
```

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

Here you see how a box with a 4 pixel #1DFF83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DFF83; -webkit-box-shadow:4px 4px  
4px 4px #1DFF83; box-shadow:4px 4px 4px  
4px #1DFF83 }
```

# Background

The CSS property to change the background color of an element to Decimal 1965955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DFF83 }
```

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

```
.background{ background-color:#1DFF83 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor