

# Converting Colors

Decimal(1638299)

Have a look what the booklet for  
Decimal(1638299) contains.

<b>Decimal(1638299)</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(1638299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18FF9B
RGB	24, 255, 155
RGB Percent	9%, 100%, 61%
CMY	0.9059, 0.0000, 0.3922
CMYK	0.91, 0.00, 0.39, 0.00
HSL	154°, 100%, 55%
HSV	154°, 91%, 100%
XYZ	42.0531, 74.0807, 43.0929
YIQ	174.5310, -105.5760, -80.0720

# Conversions

## Conversions Part 2

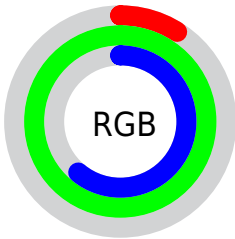
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 171, 255
Decimal	1638299
CIELab	88.96, -71.42, 34.13
CIELCh	89, 79.153, 154.460
Yxy	74.0807, 0.2641, 0.4653
Android (android.graphics.Color)	4279828379 (0xFF18FF9B)
YUV	174.5310, -9.6288, -132.0157
Hunter-Lab	86.0702, -63.4094, 30.5643

# Details

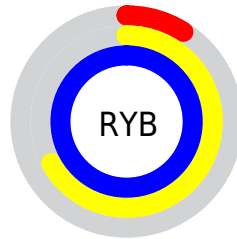
The Decimal color **1638299** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **16717948**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **7929810**, and **50535** is the 20% darker color. If you saturate the color by 10%, you get **65425**, and if you desaturate by 10%, it is **3276710**.

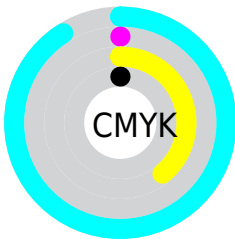
# Distribution



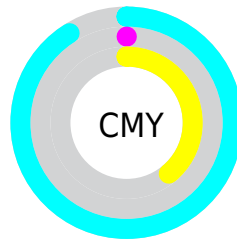
- Red (9%)
- Green (100%)
- Blue (61%)



- Red (9%)
- Yellow (67%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1638299 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 1638299 by changing the saturation by 10% instead.



 1638299


 1638299

16777215

 57984

 7929810

 50535

 10158063

 43086

 12320767

 36149

 14417919

 29213

 16515071

 22274

 15872

 9472

 0

■ 1638299

■ 1638299

■ 65425

■ 3276710

■ 4980657

■ 6619068

■ 8323015

■ 9961426

■ 11665373

■ 13369320

■ 15007731

■ 16646142

# Harmonies

## Analogous

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



11465561



1638299



65513

# Triad

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



1638299



4056319



16754318

# Complementary

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



1638299



16717948

# 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.



16750807



1638299



15845375

# Square

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



1638299



63743



16754687



16761683

# Rectangle

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



1638299



65535



16754687



16752549

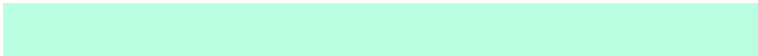


# Sweetspot

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



1638299



12255201



8191768



5734510



0



8421504



# Same Dimension

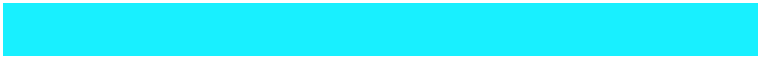
The Same Dimension uses a secret algorithm to generate beautiful new colors.



1638299



65425



1634559



7569530



49004



16420



# Inverse Universe

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



16717948



16711790



16721688



8418168



12517459

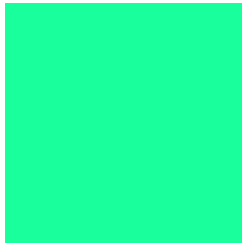


4194332



# Previews

## White Background



This preview shows how the Decimal color 1638299 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 1638299 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

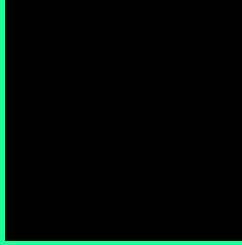
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 1638299 Background



This preview shows how black text looks on a background with the Decimal color 1638299.

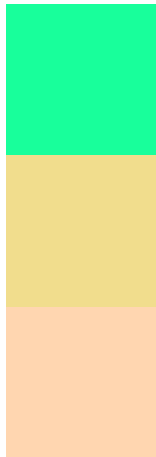


This preview shows how white text looks on a background with the Decimal color 1638299.

# 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](#).

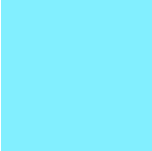
## Dichromacy



**Original Color**  
1638299

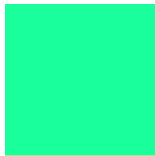
**Protanopia**  
15850893

**Deuteranopia**  
16766640



**Tritanopia**  
8581119

# Trichromacy



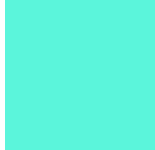
**Original Color**  
1638299



**Protanomaly**  
10676626



**Deuteranomaly**  
11265448

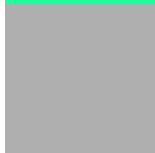


**Tritanomaly**  
6026715

# Monochromacy



**Original Color**  
1638299



**Achromatopsia**  
11513775



**Achromatomaly**  
7916712

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1638299 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 #18FF9B looks like.

```
.text, #text, p{  
    color:#18FF9B  
}
```

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 #18FF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18FF9B
}
```

## Border

The CSS property to change the border of an element to Decimal 1638299 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
#18FF9B }
```

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

```
.border{ border-color:#18FF9B }
```

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

Here you see how a box with a 4 pixel #18FF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18FF9B; -webkit-box-shadow:4px 4px  
4px 4px #18FF9B; box-shadow:4px 4px 4px  
4px #18FF9B }
```

# Background

The CSS property to change the background color of an element to Decimal 1638299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18FF9B }
```

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

```
.background{ background-color:#18FF9B }
```

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