

Converting Colors

Decimal(65417)

Have a look what the booklet for
Decimal(65417) contains.

Decimal(65417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(65417)

Conversions

Conversions Part 1

Format	Color
Hex	00FF89
RGB	0, 255, 137
RGB Percent	0%, 100%, 54%
CMY	1.0000, 0.0000, 0.4627
CMYK	1.00, 0.00, 0.46, 0.00
HSL	152°, 100%, 50%
HSV	152°, 100%, 100%
XYZ	40.2754, 73.3261, 35.6975
YIQ	165.3030, -114.1020, -90.7580

Conversions

Conversions Part 2

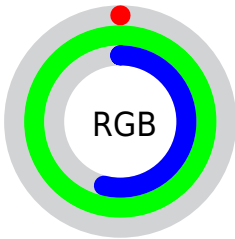
Format	Color
RYB	0, 166, 255
Decimal	65417
CIELab	88.60, -75.32, 42.44
CIELCh	89, 86.457, 150.600
Yxy	73.3261, 0.2698, 0.4911
Android (android.graphics.Color)	4278255497 (0xFF00FF89)
YUV	165.3030, -13.9534, -144.9707
Hunter-Lab	85.6307, -65.8984, 35.2248

Details

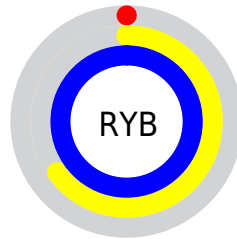
The Decimal color **65417** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **16711798**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **7667648**, and **50517** is the 20% darker color. If you saturate the color by 10%, you get **65417**, and if you desaturate by 10%, it is **1703829**.

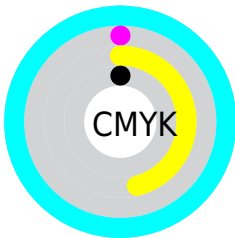
Distribution



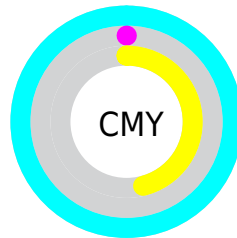
- Red (0%)
- Green (100%)
- Blue (54%)



- Red (0%)
- Yellow (65%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 65417 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 65417 by changing the saturation by 10% instead.



 65417

 1703829

 3407777

 5111724


 6750136

 8454084

 10092496

 11796444

 13434855

 15138803

Harmonies

Analogous

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



11792959



65417



65502

Triad

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



65417



59647



16751247

Complementary

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



65417



16711798

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.



16748000



65417



14665983

Square

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



65417



64511



16753663



16759626

Rectangle

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



65417



65535



16753663



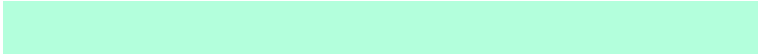
16749225

Sweetspot

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



65417



11796444



7864064



5406826



0



8421504

Same Dimension

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



65417



63487



7569530



48999



16418

Inverse Universe

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



16711798



16713728



8418169



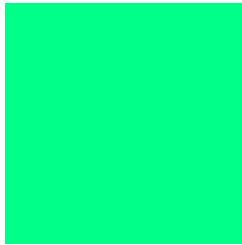
12517465



4194334

Previews

White Background



This preview shows how the Decimal color 65417 looks on a white background.

Color Contrast Check

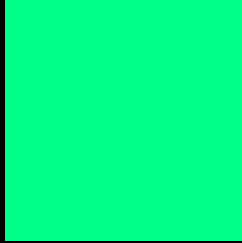
Large Text (above 18pt) WCAG AA × Fail

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 65417 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 65417 Background



This preview shows how black text looks on a background with the Decimal color 65417.



This preview shows how white text looks on a background with the Decimal color 65417.

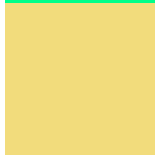
Color Blindness Simulation

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



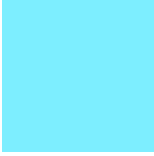
Original Color
65417



Protanopia
15916156

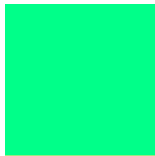


Deuteranopia
16766375



Tritanopia
8253183

Trichromacy



Original Color
65417



Protanomaly
10152321



Deuteranomaly
10675356



Tritanomaly
5305556

Monochromacy



Original Color
65417



Achromatopsia
10855845



Achromatomaly
6932123

CSS Examples

Text

The CSS property to change the color of the text to Decimal 65417 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 #00FF89 looks like.

```
.text, #text, p{  
    color:#00FF89  
}
```

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 #00FF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF89
}
```

Border

The CSS property to change the border of an element to Decimal 65417 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
#00FF89 }
```

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

```
.border{ border-color:#00FF89 }
```

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

Here you see how a box with a 4 pixel #00FF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF89; -webkit-box-shadow:4px 4px  
4px 4px #00FF89; box-shadow:4px 4px 4px  
4px #00FF89 }
```

Background

The CSS property to change the background color of an element to Decimal 65417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF89 }
```

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

```
.background{ background-color:#00FF89 }
```

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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