

Converting Colors

Decimal(65176)

Have a look what the booklet for
Decimal(65176) contains.

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Color

Decimal(65176)

Conversions

Conversions Part 1

Format	Color
Hex	00FE98
RGB	0, 254, 152
RGB Percent	0%, 100%, 60%
CMY	1.0000, 0.0039, 0.4039
CMYK	1.00, 0.00, 0.40, 0.00
HSL	156°, 100%, 50%
HSV	156°, 100%, 100%
XYZ	41.1093, 73.1506, 41.6586
YIQ	166.4260, -118.6420, -85.5700

Conversions

Conversions Part 2

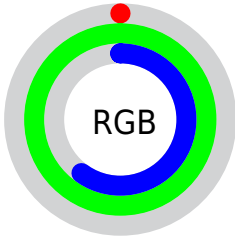
Format	Color
RYB	0, 159, 254
Decimal	65176
CIELab	88.52, -72.39, 35.01
CIELCh	89, 80.412, 154.188
Yxy	73.1506, 0.2637, 0.4692
Android (android.graphics.Color)	4278255256 (0xFF00FE98)
YUV	166.4260, -7.1120, -145.9556
Hunter-Lab	85.5281, -63.8778, 30.9911

Details

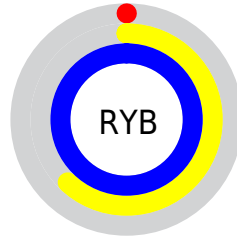
The Decimal color **65176** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **16646246**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **7602127**, and **50276** is the 20% darker color. If you saturate the color by 10%, you get **65176**, and if you desaturate by 10%, it is **1703586**.

Distribution



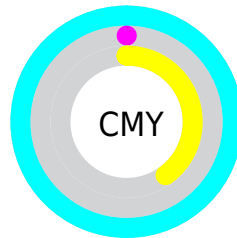
- Red (0%)
- Green (100%)
- Blue (60%)



- Red (0%)
- Yellow (62%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 65176 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 65176 by changing the saturation by 10% instead.



■ 65176

■ 1703586

■ 3407532

■ 5045943

■ 6749889

■ 8388299

■ 10026709

■ 11730655

■ 13369066

■ 15073012

Harmonies

Analogous

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



11399765



65176



65511

Triad

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



65176



2548735



16753548

Complementary

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



65176



16646246

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.



16750039



65176



15648255

Square

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



65176



63743



16754175



16761168

Rectangle

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



65176



65535



16754175



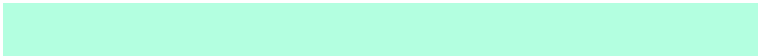
16751780

Sweetspot

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



65176



11796448



7011840



5406829



0



8421504

Same Dimension

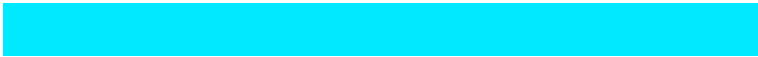
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65176



65433



59902



7569530



49010



16422

Inverse Universe

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



16646246



16711782



16651520



8418168



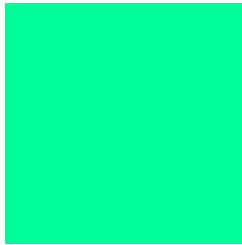
12517453



4194330

Previews

White Background



This preview shows how the Decimal color 65176 looks on a white background.

Color Contrast Check

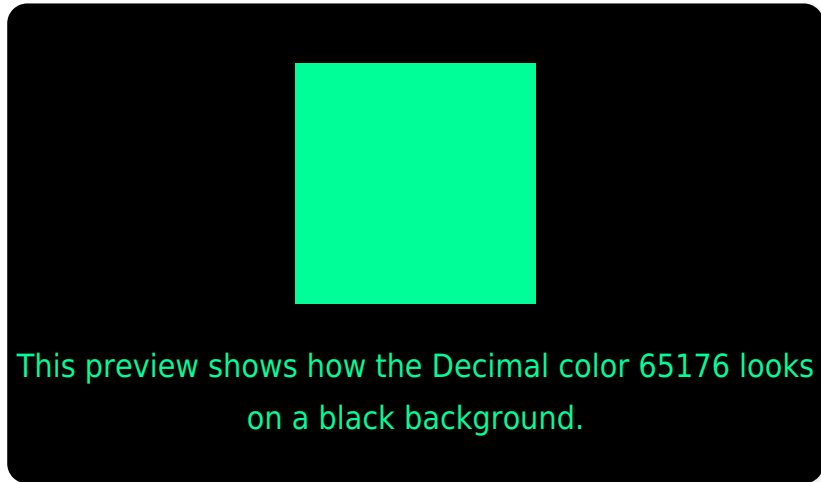
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 65176 Background



This preview shows how black text looks on a background with the Decimal color 65176.

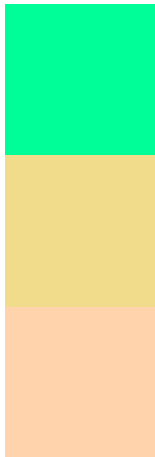


This preview shows how white text looks on a background with the Decimal color 65176.

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
65176

Protanopia
15785098

Deuteranopia
16766124



Tritanopia
8122111

Trichromacy



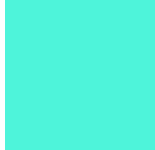
Original Color
65176



Protanomaly
10086543



Deuteranomaly
10675109



Tritanomaly
5174490

Monochromacy



Original Color
65176



Achromatopsia
10921638



Achromatomaly
6997665

CSS Examples

Text

The CSS property to change the color of the text to Decimal 65176 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 #00FE98 looks like.

```
.text, #text, p{  
    color:#00FE98  
}
```

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 #00FE98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FE98
}
```

Border

The CSS property to change the border of an element to Decimal 65176 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
#00FE98 }
```

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

```
.border{ border-color:#00FE98 }
```

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

Here you see how a box with a 4 pixel #00FE98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FE98; -webkit-box-shadow:4px 4px  
4px 4px #00FE98; box-shadow:4px 4px 4px  
4px #00FE98 }
```

Background

The CSS property to change the background color of an element to Decimal 65176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FE98 }
```

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

```
.background{ background-color:#00FE98 }
```

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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