

Converting Colors

Decimal(65436)

Have a look what the booklet for
Decimal(65436) contains.

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Color

Decimal(65436)

Conversions

Conversions Part 1

Format	Color
Hex	00FF9C
RGB	0, 255, 156
RGB Percent	0%, 100%, 61%
CMY	1.0000, 0.0000, 0.3882
CMYK	1.00, 0.00, 0.39, 0.00
HSL	157°, 100%, 50%
HSV	157°, 100%, 100%
XYZ	41.7608, 73.9203, 43.5195
YIQ	167.4690, -120.2010, -84.8490

Conversions

Conversions Part 2

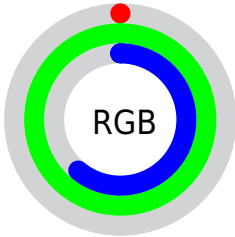
Format	Color
RYB	0, 158, 255
Decimal	65436
CIELab	88.88, -71.98, 33.51
CIELCh	89, 79.396, 155.033
Yxy	73.9203, 0.2623, 0.4643
Android (android.graphics.Color)	4278255516 (0xFF00FF9C)
YUV	167.4690, -5.6542, -146.8703
Hunter-Lab	85.9769, -63.7585, 30.1726

Details

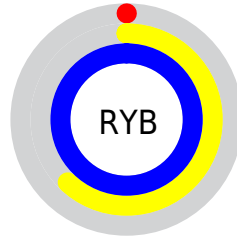
The Decimal color **65436** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **16711779**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **7602131**, and **50536** is the 20% darker color. If you saturate the color by 10%, you get **65436**, and if you desaturate by 10%, it is **1703846**.

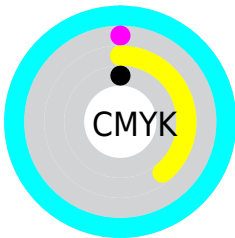
Distribution



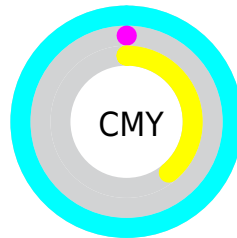
- Red (0%)
- Green (100%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)

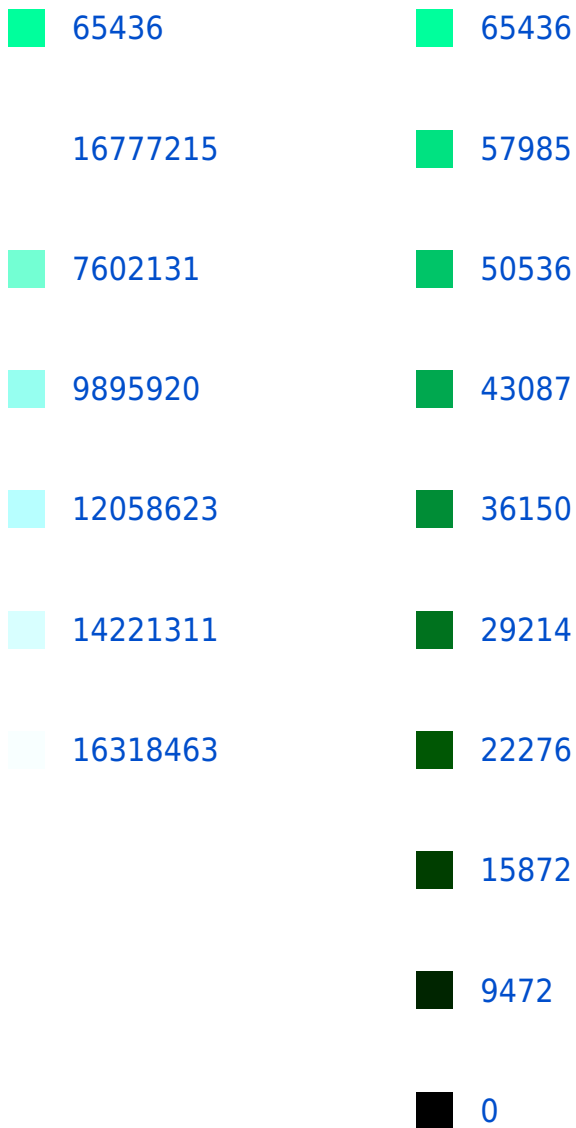


- Cyan (100%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 65436 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 65436 by changing the saturation by 10% instead.



 65436

 1703846

 3407792

 5111738


 6750148

 8454094

 10092503

 11796449

 13434859

 15138805

Harmonies

Analogous

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



11334490



65436



65514

Triad

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



65436



4449535



16754316

Complementary

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



65436



16711779

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.



16750805



65436



15976191

Square

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



65436



63743



16754431



16761937

Rectangle

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



65436



65535



16754431



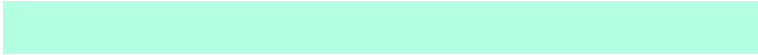
16752548

Sweetspot

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



65436



11796449



6749952



5406830



0



8421504

Same Dimension

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



65436



58879



7569531



49013



16423

Inverse Universe

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



16711779



16718080



8418168



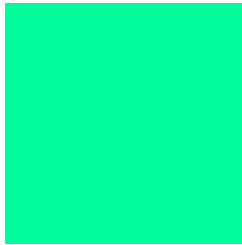
12517450



4194329

Previews

White Background



This preview shows how the Decimal color 65436 looks on a white background.

Color Contrast Check

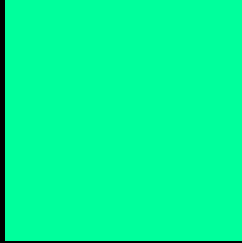
Large Text (above 18pt) WCAG AA × Fail

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 65436 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 65436 Background



This preview shows how black text looks on a background with the Decimal color 65436.



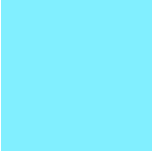
This preview shows how white text looks on a background with the Decimal color 65436.

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
8515583

Trichromacy



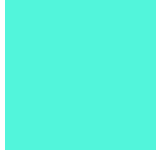
Original Color
65436



Protanomaly
10086803

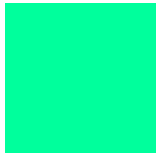


Deuteranomaly
10675369

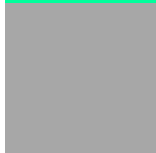


Tritanomaly
5436891

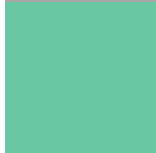
Monochromacy



Original Color
65436



Achromatopsia
10987431



Achromatomaly
6997923

CSS Examples

Text

The CSS property to change the color of the text to Decimal 65436 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 #00FF9C looks like.

```
.text, #text, p{  
    color:#00FF9C  
}
```

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 #00FF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF9C
}
```

Border

The CSS property to change the border of an element to Decimal 65436 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
#00FF9C }
```

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

```
.border{ border-color:#00FF9C }
```

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

Here you see how a box with a 4 pixel #00FF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF9C; -webkit-box-shadow:4px 4px  
4px 4px #00FF9C; box-shadow:4px 4px 4px  
4px #00FF9C }
```

Background

The CSS property to change the background color of an element to Decimal 65436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF9C }
```

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

```
.background{ background-color:#00FF9C }
```

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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