

Converting Colors

Decimal(65430)

Have a look what the booklet for
Decimal(65430) contains.

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Color

Decimal(65430)

Conversions

Conversions Part 1

Format	Color
Hex	00FF96
RGB	0, 255, 150
RGB Percent	0%, 100%, 59%
CMY	1.0000, 0.0000, 0.4118
CMYK	1.00, 0.00, 0.41, 0.00
HSL	155°, 100%, 50%
HSV	155°, 100%, 100%
XYZ	41.2650, 73.7220, 40.9090
YIQ	166.7850, -118.2750, -86.7150

Conversions

Conversions Part 2

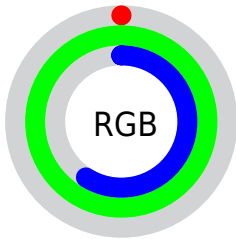
Format	Color
RYB	0, 161, 255
Decimal	65430
CIELab	88.79, -73.08, 36.36
CIELCh	89, 81.626, 153.550
Yxy	73.7220, 0.2647, 0.4729
Android (android.graphics.Color)	4278255510 (0xFF00FF96)
YUV	166.7850, -8.2750, -146.2704
Hunter-Lab	85.8615, -64.4706, 31.8541

Details

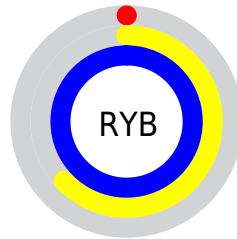
The Decimal color **65430** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **16711785**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **7602125**, and **50530** is the 20% darker color. If you saturate the color by 10%, you get **65430**, and if you desaturate by 10%, it is **1703841**.

Distribution



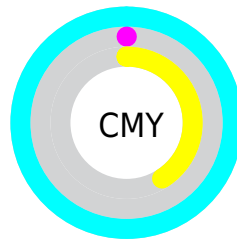
- Red (0%)
- Green (100%)
- Blue (59%)



- Red (0%)
- Yellow (63%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 65430 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 65430 by changing the saturation by 10% instead.



 65430

 1703841

 3407787

 5111734

 6750144

 8454091

 10092501

 11796448

 13434858

 15138805

Harmonies

Analogous

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



11465554



65430



65510

Triad

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



65430



58879



16753293

Complementary

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



65430



16711785

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.



16749785



65430



15582975

Square

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



65430



63999



16754175



16761167

Rectangle

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



65430



65535



16754175



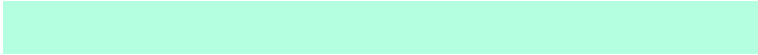
16751525

Sweetspot

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



65430



11796448



7012096



5406829



0



8421504

Same Dimension

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



65430



60159



7569530



49009



16422

Inverse Universe

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



16711785



16717056



8418168



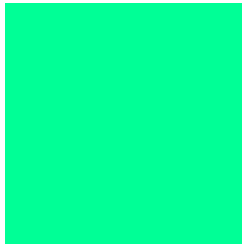
12517455



4194330

Previews

White Background



This preview shows how the Decimal color 65430 looks on a white background.

Color Contrast Check

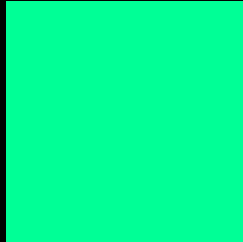
Large Text (above 18pt) WCAG AA × Fail

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 65430 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 65430 Background



This preview shows how black text looks on a background with the Decimal color 65430.

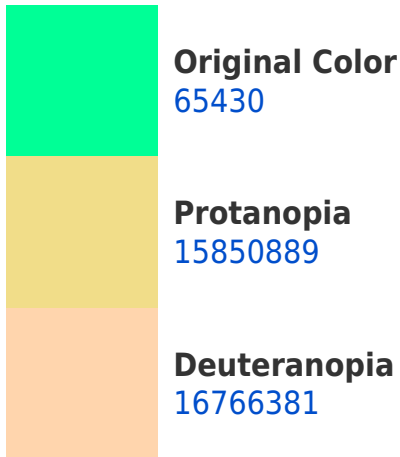


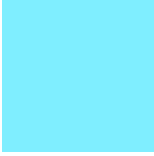
This preview shows how white text looks on a background with the Decimal color 65430.

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](#).

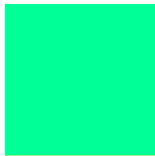
Dichromacy





Tritanopia
8384255

Trichromacy



Original Color
65430



Protanomaly
10086798



Deuteranomaly
10675365

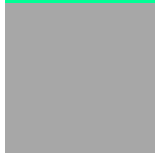


Tritanomaly
5371097

Monochromacy



Original Color
65430



Achromatopsia
10987431



Achromatomaly
6997921

CSS Examples

Text

The CSS property to change the color of the text to Decimal 65430 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 #00FF96 looks like.

```
.text, #text, p{  
    color:#00FF96  
}
```

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 #00FF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF96
}
```

Border

The CSS property to change the border of an element to Decimal 65430 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
#00FF96 }
```

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

```
.border{ border-color:#00FF96 }
```

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

Here you see how a box with a 4 pixel #00FF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF96; -webkit-box-shadow:4px 4px  
4px 4px #00FF96; box-shadow:4px 4px 4px  
4px #00FF96 }
```

Background

The CSS property to change the background color of an element to Decimal 65430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF96 }
```

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

```
.background{ background-color:#00FF96 }
```

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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