

Converting Colors

Decimal(64216)

Have a look what the booklet for
Decimal(64216) contains.

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Color

Decimal(64216)

Conversions

Conversions Part 1

Format	Color
Hex	00FAD8
RGB	0, 250, 216
RGB Percent	0%, 98%, 85%
CMY	1.0000, 0.0196, 0.1529
CMYK	1.00, 0.00, 0.14, 0.02
HSL	172°, 100%, 49%
HSV	172°, 100%, 98%
XYZ	46.5803, 73.3291, 76.6646
YIQ	171.3740, -138.0860, -63.5740

Conversions

Conversions Part 2

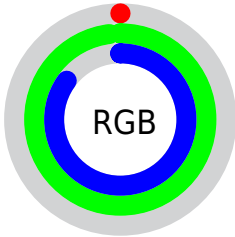
Format	Color
RYB	0, 134, 250
Decimal	64216
CIELab	88.60, -56.67, 2.43
CIELCh	89, 56.726, 177.549
Yxy	73.3291, 0.2370, 0.3730
Android (android.graphics.Color)	4278254296 (0xFF00FAD8)
YUV	171.3740, 22.0006, -150.2950
Hunter-Lab	85.6324, -52.7605, 6.8618

Details

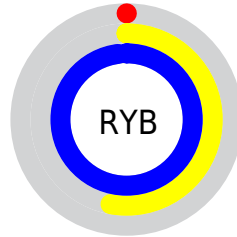
The Decimal color **64216** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **16384034**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **7733247**, and **49313** is the 20% darker color. If you saturate the color by 10%, you get **64216**, and if you desaturate by 10%, it is **1702619**.

Distribution



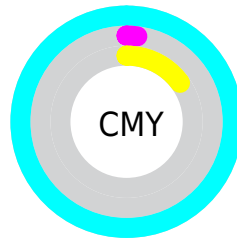
- Red (0%)
- Green (98%)
- Blue (85%)



- Red (0%)
- Yellow (53%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 64216 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 64216 by changing the saturation by 10% instead.



■ 64216

■ 1702619

■ 3341023

■ 4979426

■ 6617830

■ 8256233

■ 9894636

■ 11533040

■ 13171443

■ 14809847

Harmonies

Analogous

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



9172386



64216



64255

Triad

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



64216



14471935



16762500

Complementary

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



64216



16384034

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.



16758447



64216



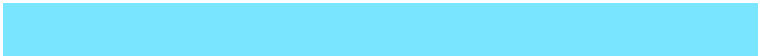
16760575

Square

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



64216



7988735



16757477



16767600

Rectangle

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



64216



63231



16757477



16760977

Sweetspot

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



64216



11796469



2488832



5406841



0



8421504

Same Dimension

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



64216



65500



41722



7372155



48547



15669

Inverse Universe

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



16384034



16711715



16406272



8220786



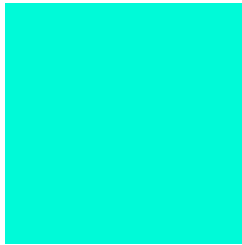
12386330



3997704

Previews

White Background



This preview shows how the Decimal color 64216 looks on a white background.

Color Contrast Check

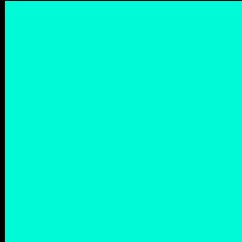
Large Text (above 18pt) WCAG AA × Fail

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 64216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

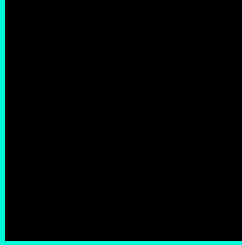
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

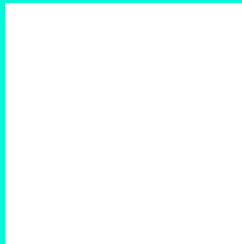
Any Text WCAG AAA ✓ Pass

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

Decimal 64216 Background



This preview shows how black text looks on a background with the Decimal color 64216.



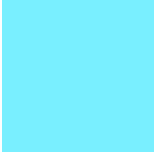
This preview shows how white text looks on a background with the Decimal color 64216.

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](#).

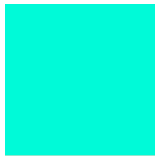
Dichromacy



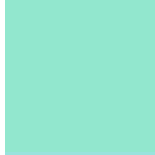


Tritanopia
7991295

Trichromacy



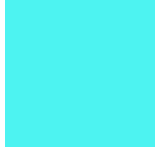
Original Color
64216



Protanomaly
9627598



Deuteranomaly
10085341

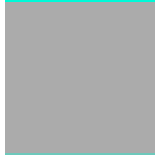


Tritanomaly
5108721

Monochromacy



Original Color
64216



Achromatopsia
11250603



Achromatomaly
7194811

CSS Examples

Text

The CSS property to change the color of the text to Decimal 64216 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 #00FAD8 looks like.

```
.text, #text, p{  
    color:#00FAD8  
}
```

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 #00FAD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FAD8
}
```

Border

The CSS property to change the border of an element to Decimal 64216 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
#00FAD8 }
```

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

```
.border{ border-color:#00FAD8 }
```

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

Here you see how a box with a 4 pixel #00FAD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FAD8; -webkit-box-shadow:4px 4px  
4px 4px #00FAD8; box-shadow:4px 4px 4px  
4px #00FAD8 }
```

Background

The CSS property to change the background color of an element to Decimal 64216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FAD8 }
```

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

```
.background{ background-color:#00FAD8 }
```

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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