

Converting Colors

Decimal(56829)

Have a look what the booklet for
Decimal(56829) contains.

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Color

Decimal(56829)

Conversions

Conversions Part 1

Format	Color
Hex	00DDFD
RGB	0, 221, 253
RGB Percent	0%, 87%, 99%
CMY	1.0000, 0.1333, 0.0078
CMYK	1.00, 0.13, 0.00, 0.01
HSL	188°, 100%, 50%
HSV	188°, 100%, 99%
XYZ	43.5861, 58.8048, 101.9817
YIQ	158.5690, -141.9880, -36.9000

Conversions

Conversions Part 2

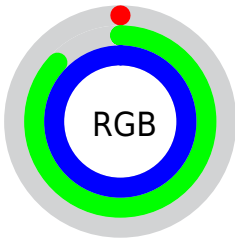
Format	Color
RYB	0, 118, 253
Decimal	56829
CIELab	81.18, -33.32, -28.12
CIELCh	81, 43.605, 220.162
Yxy	58.8048, 0.2133, 0.2877
Android (android.graphics.Color)	4278246909 (0xFF00DDFD)
YUV	158.5690, 46.5545, -139.0650
Hunter-Lab	76.6843, -32.7410, -25.1703

Details

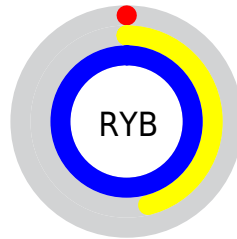
The Decimal color **56829** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16588800**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **7667711**, and **42436** is the 20% darker color. If you saturate the color by 10%, you get **56829**, and if you desaturate by 10%, it is **1695997**.

Distribution



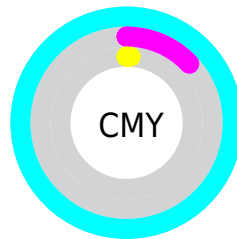
- Red (0%)
- Green (87%)
- Blue (99%)



- Red (0%)
- Yellow (46%)
- Blue (99%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 56829 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 56829 by changing the saturation by 10% instead.

 56829	 56829
 16777215	 49632
 7667711	 42436
 9961471	 35753
 12124159	 29070
 14286847	 22645
 16383999	 16476
	 10820
	 3118
	 281

■ 56829

■ 1695997

■ 3400701

■ 5040125

■ 6679293

■ 8383997

■ 10023165

■ 11662333

■ 13301757

■ 15006461

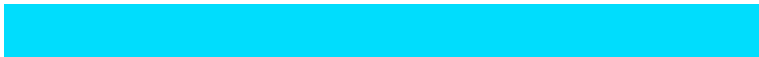
Harmonies

Analogous

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



3793111



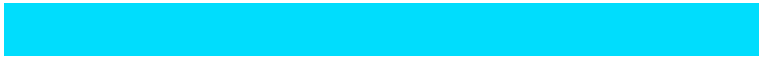
56829



6084095

Triad

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



56829



16756454



14142584

Complementary

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



56829



16588800

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.



16498301



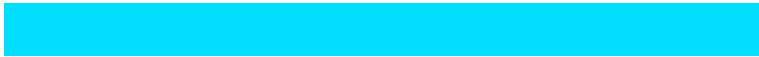
56829



16755389

Square

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



56829



14727935



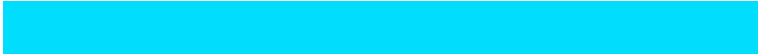
16757143



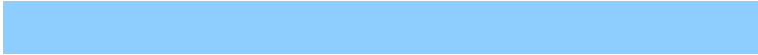
11196298

Rectangle

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



56829



9359103



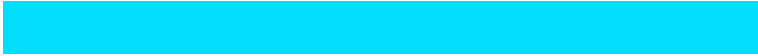
16757143



14993271

Sweetspot

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



56829



11793919



64798



5405312



0



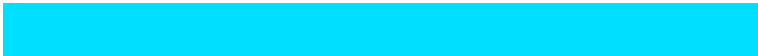
8421504

Same Dimension

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



56829



57343



25085



7569024



42943



14400

Inverse Universe

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



16580829



16711903



16620544



8418174



12517543



4194360

Previews

White Background



This preview shows how the Decimal color 56829 looks on a white background.

Color Contrast Check

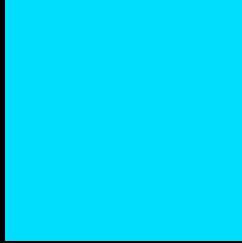
Large Text (above 18pt) WCAG AA × Fail

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 56829 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 56829 Background



This preview shows how black text looks on a background with the Decimal color 56829.



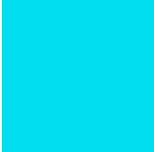
This preview shows how white text looks on a background with the Decimal color 56829.

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
57072

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 56829 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 #00DDFD looks like.

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

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 #00DDFD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 56829 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
#00DDFD }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 56829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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