

Converting Colors

Decimal(1820665)

Have a look what the booklet for
Decimal(1820665) contains.

Decimal(1820665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1820665)

Conversions

Conversions Part 1

Format	Color
Hex	1BC7F9
RGB	27, 199, 249
RGB Percent	11%, 78%, 98%
CMY	0.8941, 0.2196, 0.0235
CMYK	0.89, 0.20, 0.00, 0.02
HSL	194°, 95%, 54%
HSV	194°, 89%, 98%
XYZ	37.9743, 47.9194, 96.8704
YIQ	153.2720, -118.5620, -20.9140

Conversions

Conversions Part 2

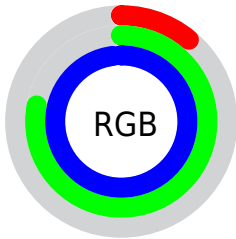
Format	Color
R _Y B	27, 124, 249
Decimal	1820665
CIE Lab	74.77, -23.01, -35.85
CIE LCh	75, 42.598, 237.308
Yxy	47.9194, 0.2078, 0.2622
Android (android.graphics.Color)	4280010745 (0xFF1BC7F9)
YUV	153.2720, 47.1939, -110.7405
Hunter-Lab	69.2238, -23.2215, -34.5125

Details

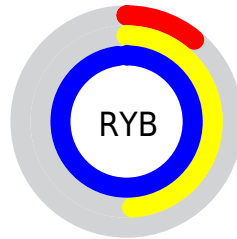
The Decimal color **1820665** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **16338203**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7798783**, and **37312** is the 20% darker color. If you saturate the color by 10%, you get **180729**, and if you desaturate by 10%, it is **3460601**.

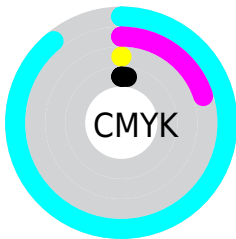
Distribution



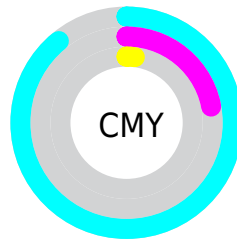
- Red (11%)
- Green (78%)
- Blue (98%)



- Red (11%)
- Yellow (49%)
- Blue (98%)



- Cyan (89%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)

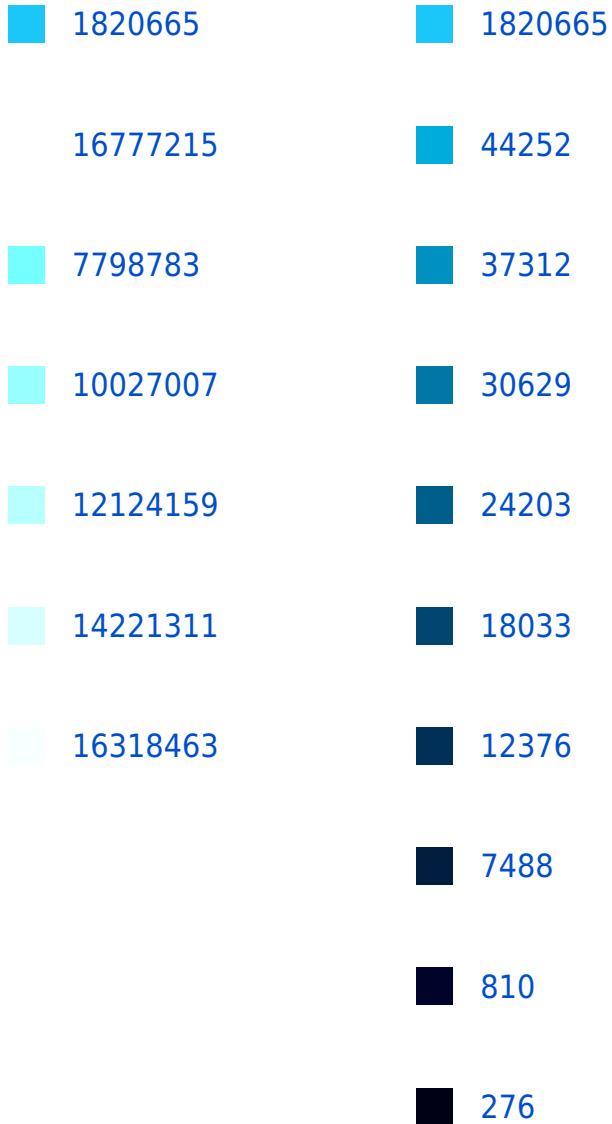


- Cyan (89%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1820665 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 1820665 by changing the saturation by 10% instead.



■ 1820665

■ 1820665

■ 180729

■ 3460601

■ 49657

■ 5100281

■ 6740217

■ 8379897

■ 9954297

■ 11594233

■ 13233913

■ 14873849

■ 16513529

Harmonies

Analogous

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



52443



1820665



7781887

Triad

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



1820665



16751037



11386993

Complementary

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



1820665



16338203

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.



13939817



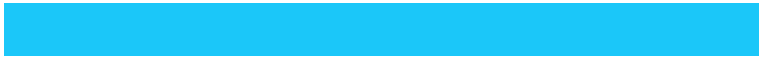
1820665



16751766

Square

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



1820665



15114723



15968119



8309132

Rectangle

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



1820665



10728703



15968119



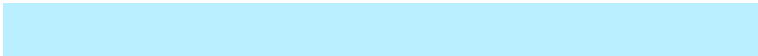
12303724

Sweetspot

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



1820665



12251135



1833291



5731968



0



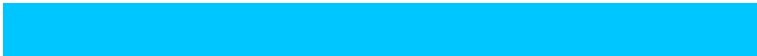
8421504

Same Dimension

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



1820665



50943



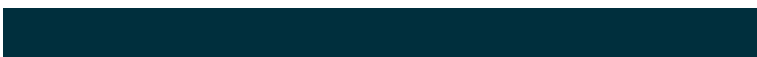
1792761



7371389



37565



12093

Inverse Universe

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



16325575



16711878



16366107



8220794



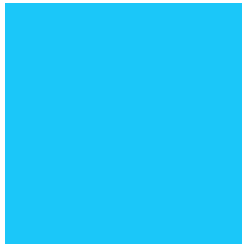
12386450



3997743

Previews

White Background



This preview shows how the Decimal color 1820665 looks on a white background.

Color Contrast Check

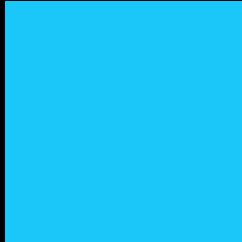
Large Text (above 18pt) WCAG AA × Fail

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 1820665 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 1820665 Background



This preview shows how black text looks on a background with the Decimal color 1820665.



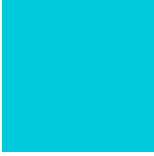
This preview shows how white text looks on a background with the Decimal color 1820665.

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
52187

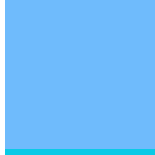
Trichromacy



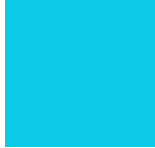
Original Color
1820665



Protanomaly
7715824



Deuteranomaly
7322620



Tritanomaly
707302

Monochromacy



Original Color
1820665



Achromatopsia
10066329



Achromatomaly
7056060

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1820665 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 #1BC7F9 looks like.

```
.text, #text, p{  
  color:#1BC7F9  
}
```

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 #1BC7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BC7F9
}
```

Border

The CSS property to change the border of an element to Decimal 1820665 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
#1BC7F9 }
```

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

```
.border{ border-color:#1BC7F9 }
```

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

Here you see how a box with a 4 pixel #1BC7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BC7F9; -webkit-box-shadow:4px 4px  
4px 4px #1BC7F9; box-shadow:4px 4px 4px  
4px #1BC7F9 }
```

Background

The CSS property to change the background color of an element to Decimal 1820665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BC7F9 }
```

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

```
.background{ background-color:#1BC7F9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor