

Converting Colors

Decimal(1696505)

Have a look what the booklet for
Decimal(1696505) contains.

| | |
|--|----|
| Decimal(1696505) | 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(1696505)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 19E2F9 |
| RGB | 25, 226, 249 |
| RGB Percent | 10%, 89%, 98% |
| CMY | 0.9020, 0.1137, 0.0235 |
| CMYK | 0.90, 0.09, 0.00, 0.02 |
| HSL | 186°, 95%, 54% |
| HSV | 186°, 90%, 98% |
| XYZ | 44.6961, 61.4389, 99.1257 |
| YIQ | 168.5230, -127.1790, -35.4590 |

Conversions

Conversions Part 2

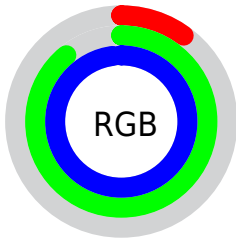
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 25, 131, 249 |
| Decimal | 1696505 |
| CIE Lab | 82.61, -36.24, -23.81 |
| CIE LCh | 83, 43.366, 213.308 |
| Yxy | 61.4389, 0.2178, 0.2993 |
| Android (android.graphics.Color) | 4279886585 (0xFF19E2F9) |
| YUV | 168.5230, 39.6752, -125.8697 |
| Hunter-Lab | 78.3830, -35.3846, -20.1120 |

Details

The Decimal color **1696505** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **16330777**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **7995391**, and **43713** is the 20% darker color. If you saturate the color by 10%, you get **57337**, and if you desaturate by 10%, it is **3335673**.

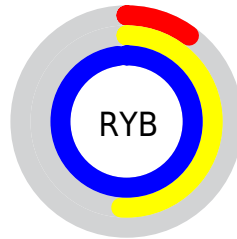
Distribution



Red (10%)

Green (89%)

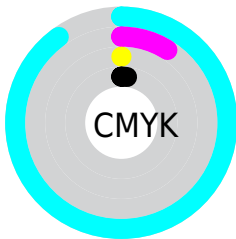
Blue (98%)



Red (10%)

Yellow (51%)

Blue (98%)

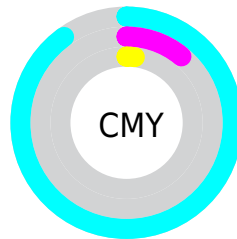


Cyan (90%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (90%)


















Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1696505 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 1696505 by changing the saturation by 10% instead.

| | |
|--|---|
|  1696505 |  1696505 |
|  16777215 |  50908 |
|  7995391 |  43713 |
|  10223615 |  36773 |
|  12386303 |  30091 |
|  14483455 |  23665 |
|  16580607 |  17497 |
| |  11585 |
| |  4907 |
| |  278 |

■ 1696505

■ 1696505

■ 57337

■ 3335673

■ 4974585

■ 6613753

■ 8252665

■ 9891833

■ 11465209

■ 13104377

■ 14743289

■ 16382457

Harmonies

Analogous

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



5235665



1696505



5364991

Triad

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



1696505



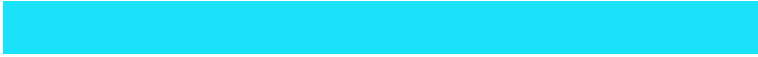
16758003



14994811

Complementary

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



1696505



16330777

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.



16760710



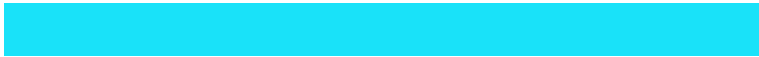
1696505



16756427

Square

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



1696505



14205439



16757411



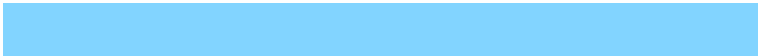
12179592

Rectangle

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



1696505



8574207



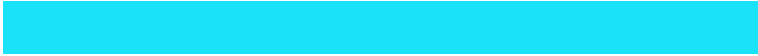
16757411



15845500

Sweetspot

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



1696505



12253439



1702191



5733248



0



8421504

Same Dimension

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



1696505



58879



1668089



7371901



43453



14141

Inverse Universe

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



16325090



16711909



16359193



8220796



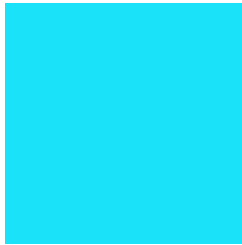
12386473



3997751

Previews

White Background



This preview shows how the Decimal color 1696505 looks on a white background.

Color Contrast Check

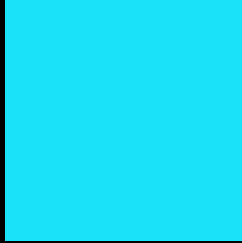
Large Text (above 18pt) WCAG AA × Fail

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 1696505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

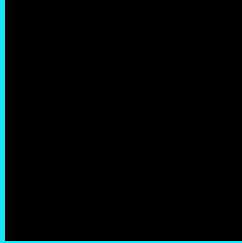
Any Text WCAG AA ✓ Pass

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 1696505 Background



This preview shows how black text looks on a background with the Decimal color 1696505.



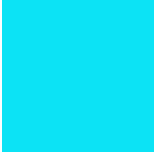
This preview shows how white text looks on a background with the Decimal color 1696505.

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



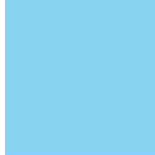


Tritanopia
844789

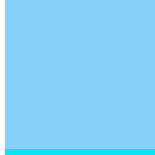
Trichromacy



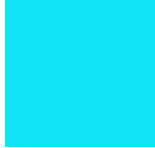
Original Color
1696505



Protanomaly
8967151



Deuteranomaly
8835581

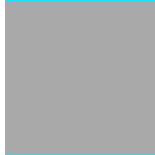


Tritanomaly
1172470

Monochromacy



Original Color
1696505



Achromatopsia
11119017



Achromatomaly
7716550

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1696505 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 #19E2F9 looks like.

```
.text, #text, p{  
    color:#19E2F9  
}
```

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 #19E2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19E2F9
}
```

Border

The CSS property to change the border of an element to Decimal 1696505 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
#19E2F9 }
```

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

```
.border{ border-color:#19E2F9 }
```

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

Here you see how a box with a 4 pixel #19E2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19E2F9; -webkit-box-shadow:4px 4px  
4px 4px #19E2F9; box-shadow:4px 4px 4px  
4px #19E2F9 }
```

Background

The CSS property to change the background color of an element to Decimal 1696505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19E2F9 }
```

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

```
.background{ background-color:#19E2F9 }
```

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