

# Converting Colors

Decimal(1104631)

Have a look what the booklet for  
Decimal(1104631) contains.

<b>Decimal(1104631)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(1104631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10DAF7
RGB	16, 218, 247
RGB Percent	6%, 85%, 97%
CMY	0.9373, 0.1451, 0.0314
CMYK	0.94, 0.12, 0.00, 0.03
HSL	188°, 94%, 52%
HSV	188°, 94%, 97%
XYZ	42.0736, 56.9684, 96.7742
YIQ	160.9080, -129.7010, -33.8050

# Conversions

## Conversions Part 2

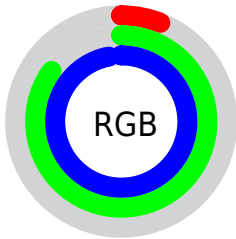
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	16, 124, 247
Decimal	1104631
CIE Lab	80.16, -33.43, -26.50
CIE LCh	80, 42.657, 218.400
Yxy	56.9684, 0.2149, 0.2909
Android (android.graphics.Color)	4279294711 (0xFF10DAF7)
YUV	160.9080, 42.4434, -127.0843
Hunter-Lab	75.4774, -32.5836, -23.1852

# Details

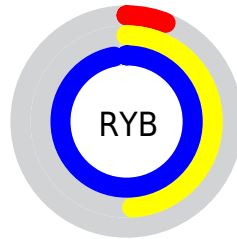
The Decimal color **1104631** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **16198928**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **7733247**, and **41919** is the 20% darker color. If you saturate the color by 10%, you get **55543**, and if you desaturate by 10%, it is **2743799**.

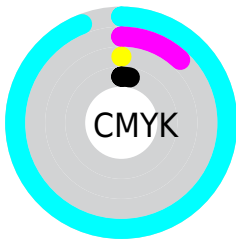
# Distribution



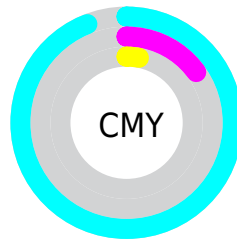
- Red (6%)
- Green (85%)
- Blue (97%)



- Red (6%)
- Yellow (49%)
- Blue (97%)



- Cyan (94%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)




- Cyan (94%)
- Magenta (15%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 1104631 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 1104631 by changing the saturation by 10% instead.



 1104631

 1104631

16777215

 48858

 7733247

 41919

 10027007

 34979

 12124159

 28297

 14286847

 21872

 16383999

 15703

 10304

 1066

 276

■ 1104631

■ 1104631

■ 55543

■ 2743799

■ 4317431

■ 5956599

■ 7595767

■ 9169655

■ 10808823

■ 12447991

■ 14087159

■ 15660791

# Harmonies

## Analogous

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



4185297



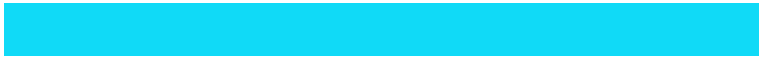
1104631



5821439

# Triad

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



1104631



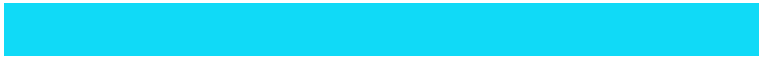
16755941



14076023

# Complementary

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



1104631



16198928

# 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.



16366205



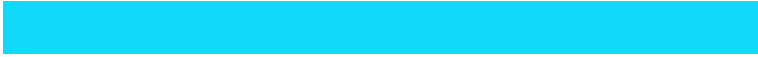
1104631



16754877

# Square

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



1104631



14334207



16756375



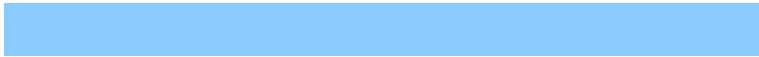
11260807

# Rectangle

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



1104631



9030655



16756375



14926967



# Sweetspot

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



1104631



12121855



1111851



5536384



0



8421504

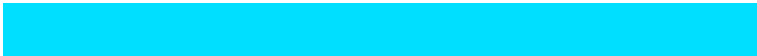


# Same Dimension

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



1104631



57343



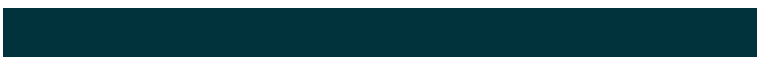
1075703



7240058



41914



13115



# Inverse Universe

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



16191706



16711903



16227856



8023673



12189859



3866675



# Previews

## White Background



This preview shows how the Decimal color 1104631 looks on a white background.

## Color Contrast Check

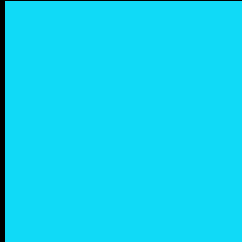
Large Text (above 18pt) WCAG AA × Fail

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 1104631 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

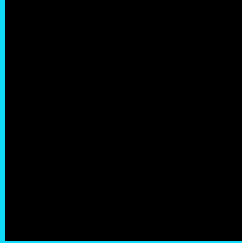
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 1104631 Background



This preview shows how black text looks on a background with the Decimal color 1104631.

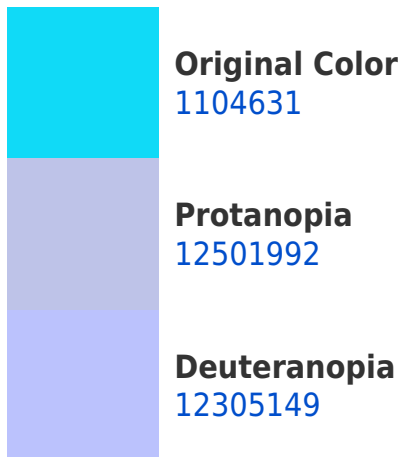


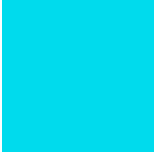
This preview shows how white text looks on a background with the Decimal color 1104631.

# 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**  
56301

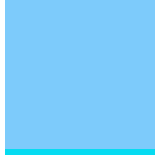
# Trichromacy



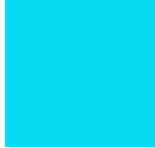
**Original Color**  
1104631



**Protanomaly**  
8375277



**Deuteranomaly**  
8244219



**Tritanomaly**  
449521

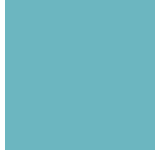
# Monochromacy



**Original Color**  
1104631



**Achromatopsia**  
10592673



**Achromatomaly**  
7124672

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1104631 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 #10DAF7 looks like.

```
.text, #text, p{  
    color:#10DAF7  
}
```

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 #10DAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10DAF7
}
```

## Border

The CSS property to change the border of an element to Decimal 1104631 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
#10DAF7 }
```

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

```
.border{ border-color:#10DAF7 }
```

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

Here you see how a box with a 4 pixel #10DAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10DAF7; -webkit-box-shadow:4px 4px  
4px 4px #10DAF7; box-shadow:4px 4px 4px  
4px #10DAF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 1104631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10DAF7 }
```

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

```
.background{ background-color:#10DAF7 }
```

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