

# Converting Colors

Decimal(776443)

Have a look what the booklet for  
Decimal(776443) contains.

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# **Color**

**Decimal(776443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BD8FB
RGB	11, 216, 251
RGB Percent	4%, 85%, 98%
CMY	0.9569, 0.1529, 0.0157
CMYK	0.96, 0.14, 0.00, 0.02
HSL	189°, 97%, 51%
HSV	189°, 96%, 98%
XYZ	42.1065, 56.1479, 99.8852
YIQ	158.6950, -133.4150, -32.5750

# Conversions

## Conversions Part 2

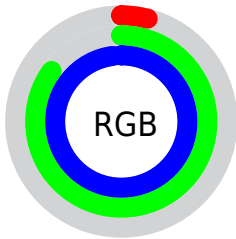
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 122, 251
Decimal	776443
CIELab	79.70, -31.33, -29.34
CIELCh	80, 42.921, 223.115
Yxy	56.1479, 0.2125, 0.2834
Android (android.graphics.Color)	4278966523 (0xFF0BD8FB)
YUV	158.6950, 45.5064, -129.5285
Hunter-Lab	74.9319, -30.8264, -26.5820

# Details

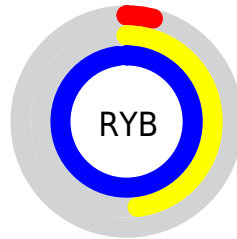
The Decimal color **776443** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16461323**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **7733247**, and **41410** is the 20% darker color. If you saturate the color by 10%, you get **55035**, and if you desaturate by 10%, it is **2415867**.

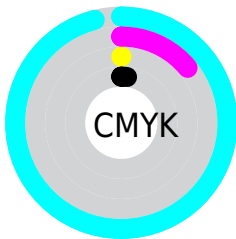
# Distribution



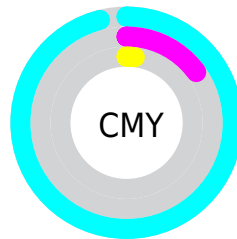
- Red (4%)
- Green (85%)
- Blue (98%)



- Red (4%)
- Yellow (48%)
- Blue (98%)



- Cyan (96%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)




















- Cyan (96%)
- Magenta (15%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 776443 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 776443 by changing the saturation by 10% instead.



 776443	 776443
 16777215	 48350
 7733247	 41410
 9961471	 34471
 12124159	 28045
 14221311	 21619
 16383999	 15450
	 10051
	 813
	 279

■ 776443

■ 776443

■ 55035

■ 2415867

■ 4055035

■ 5694459

■ 7333883

■ 9038587

■ 10678011

■ 12317435

■ 13956603

■ 15596027

# Harmonies

## Analogous

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



3202006



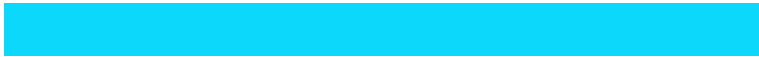
776443



6410495

# Triad

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



776443



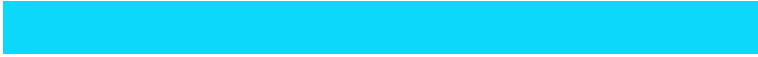
16755166



13551990

# Complementary

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



776443



16461323

# 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.



15973241



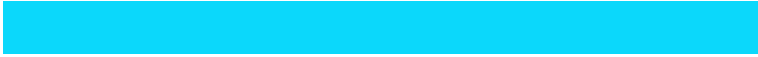
776443



16754357

# Square

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



776443



14726655



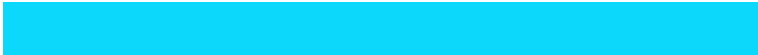
16756369



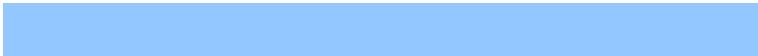
10670986

# Rectangle

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



776443



9619711



16756369



14468213



# Sweetspot

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



776443



11924735



785195



5470592



0



8421504

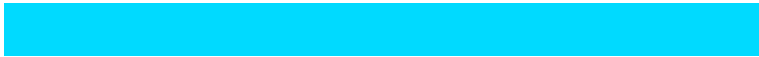


# Same Dimension

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



776443



56063



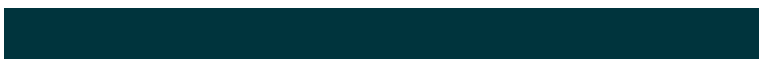
746491



7371645



41405



13373



# Inverse Universe

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



16452568



16711898



16491275



8220795



12386465

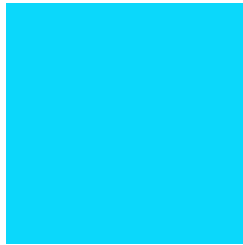


3997748



# Previews

## White Background



This preview shows how the Decimal color 776443 looks on a white background.

## Color Contrast Check

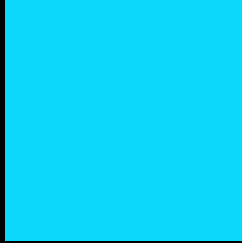
Large Text (above 18pt) WCAG AA × Fail

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 776443 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 776443 Background



This preview shows how black text looks on a background with the Decimal color 776443.



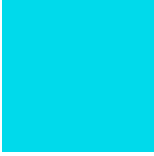
This preview shows how white text looks on a background with the Decimal color 776443.

# 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**  
56043

# Trichromacy



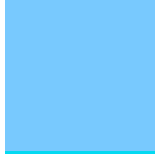
**Original Color**

776443



**Protanomaly**

8112881



**Deuteranomaly**

7916030



**Tritanomaly**

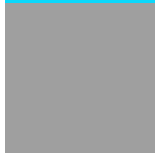
317937

# Monochromacy



**Original Color**

776443



**Achromatopsia**

10461087



**Achromatomaly**

6927552

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 776443 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 #0BD8FB looks like.

```
.text, #text, p{  
    color:#0BD8FB  
}
```

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 #0BD8FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BD8FB
}
```

## Border

The CSS property to change the border of an element to Decimal 776443 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
#0BD8FB }
```

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

```
.border{ border-color:#0BD8FB }
```

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

Here you see how a box with a 4 pixel #0BD8FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BD8FB; -webkit-box-shadow:4px 4px  
4px 4px #0BD8FB; box-shadow:4px 4px 4px  
4px #0BD8FB }
```

# Background

The CSS property to change the background color of an element to Decimal 776443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BD8FB }
```

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

```
.background{ background-color:#0BD8FB }
```

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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