

# Converting Colors

Decimal(1766373)

Have a look what the booklet for  
Decimal(1766373) contains.

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# **Color**

**Decimal(1766373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AF3E5
RGB	26, 243, 229
RGB Percent	10%, 95%, 90%
CMY	0.8980, 0.0471, 0.1020
CMYK	0.89, 0.00, 0.06, 0.05
HSL	176°, 90%, 53%
HSV	176°, 89%, 95%
XYZ	46.6195, 69.9779, 85.1787
YIQ	176.5210, -124.8380, -50.3580

# Conversions

## Conversions Part 2

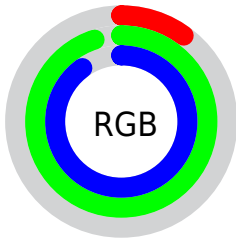
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 138, 243
Decimal	1766373
CIE Lab	86.99, -49.59, -6.72
CIE LCh	87, 50.041, 187.719
Yxy	69.9779, 0.2310, 0.3468
Android (android.graphics.Color)	4279956453 (0xFF1AF3E5)
YUV	176.5210, 25.8721, -132.0069
Hunter-Lab	83.6528, -46.9149, -1.8145

# Details

The Decimal color **1766373** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **15931944**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **7995391**, and **47790** is the 20% darker color. If you saturate the color by 10%, you get **193507**, and if you desaturate by 10%, it is **3339239**.

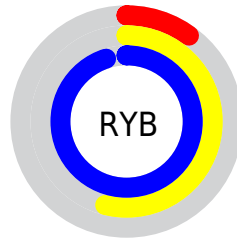
# Distribution



Red (10%)

Green (95%)

Blue (90%)



Red (10%)

Yellow (54%)

Blue (95%)

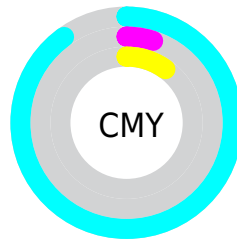


Cyan (89%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (90%)

Magenta (5%)


















Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1766373 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 1766373 by changing the saturation by 10% instead.



 1766373	 1766373
 16777215	 54985
 7995391	 47790
 10223615	 40595
 12386303	 33657
 14483455	 26977
 16646143	 20553
	 14387
	 8478
	 4

■ 1766373

■ 1766373

■ 193507

■ 3339239

■ 62435

■ 4977640

■ 6550506

■ 8123371

■ 9696237

■ 11334638

■ 12907504

■ 14480370

■ 16118771

# Harmonies

## Analogous

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



8188084



1766373



61951

# Triad

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



1766373



15714815



16763778

# Complementary

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



1766373



15931944

# 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.



16759714



1766373



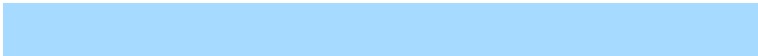
16759295

# Square

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



1766373



10935039



16757967



15522682

# Rectangle

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



1766373



60671



16757967



16762251

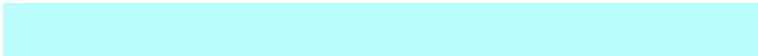


# Sweetspot

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



1766373



12255227



2683674



5734525



0



8421504



# Same Dimension

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



1766373



65519



1742323



7240314



47790



15159



# Inverse Universe

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



15931944



16711696



15955994



8023663



12189708

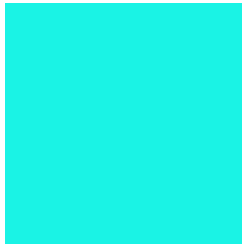


3866628



# Previews

## White Background



This preview shows how the Decimal color 1766373 looks on a white background.

## Color Contrast Check

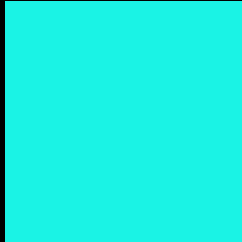
Large Text (above 18pt) WCAG AA × Fail

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 1766373 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

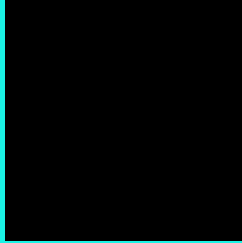
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 1766373 Background



This preview shows how black text looks on a background with the Decimal color 1766373.

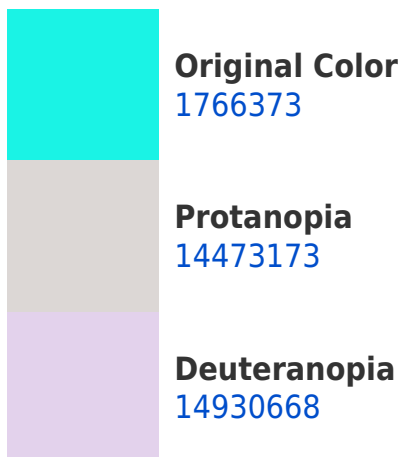


This preview shows how white text looks on a background with the Decimal color 1766373.

# 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



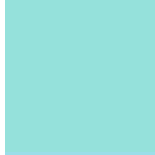


**Tritanopia**  
5762559

# Trichromacy



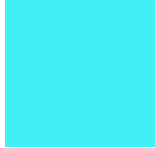
**Original Color**  
1766373



**Protanomaly**  
9822683



**Deuteranomaly**  
10149609

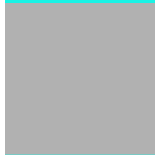


**Tritanomaly**  
4321270

# Monochromacy



**Original Color**  
1766373



**Achromatopsia**  
11645361



**Achromatomaly**  
8047044

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1766373 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 #1AF3E5 looks like.

```
.text, #text, p{  
  color:#1AF3E5  
}
```

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 #1AF3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AF3E5
}
```

## Border

The CSS property to change the border of an element to Decimal 1766373 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
#1AF3E5 }
```

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

```
.border{ border-color:#1AF3E5 }
```

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

Here you see how a box with a 4 pixel #1AF3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AF3E5; -webkit-box-shadow:4px 4px  
4px 4px #1AF3E5; box-shadow:4px 4px 4px  
4px #1AF3E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 1766373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AF3E5 }
```

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

```
.background{ background-color:#1AF3E5 }
```

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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