

# Converting Colors

Decimal(8385009)

Have a look what the booklet for  
Decimal(8385009) contains.

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# **Color**

**Decimal(8385009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FF1F1
RGB	127, 241, 241
RGB Percent	50%, 95%, 95%
CMY	0.5020, 0.0549, 0.0549
CMYK	0.47, 0.00, 0.00, 0.05
HSL	180°, 80%, 72%
HSV	180°, 47%, 95%
XYZ	56.0849, 73.7735, 94.5028
YIQ	206.9140, -67.9440, -24.1680

# Conversions

## Conversions Part 2

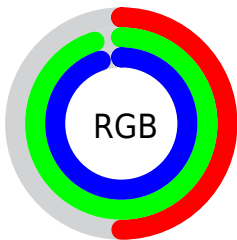
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 184, 241
Decimal	8385009
CIE <sub>Lab</sub>	88.82, -32.41, -10.06
CIE <sub>LCh</sub>	89, 33.937, 197.244
Yxy	73.7735, 0.2500, 0.3288
Android (android.graphics.Color)	4286575089 (0xFF7FF1F1)
YUV	206.9140, 16.8044, -70.0846
Hunter-Lab	85.8915, -33.7543, -5.1103

# Details

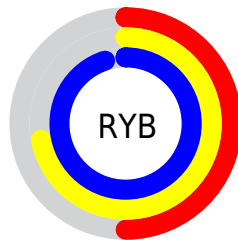
The Decimal color **8385009** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **15826815**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **12255231**, and **4241849** is the 20% darker color. If you saturate the color by 10%, you get **6812145**, and if you desaturate by 10%, it is **9957873**.

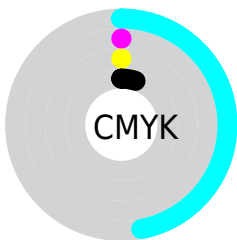
# Distribution



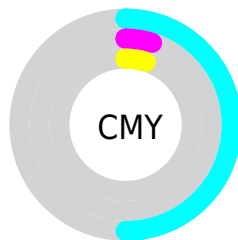
- Red (50%)
- Green (95%)
- Blue (95%)



- Red (50%)
- Yellow (72%)
- Blue (95%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (5%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8385009 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 8385009 by changing the saturation by 10% instead.



 8385009

 8385009

16777215

 6411477

 12255231

 4241849

 14221311

 1285534

 16252927

 33668

 26987

 20819

 14652

 9254

 274

 8385009

 8385009

 6812145

 9957873

 5239281

 11530737

 3666417

 13103601

 2093553

 14676465

 520689

 16314865

 61937

 16773617

# Harmonies

## Analogous

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



10154192



8385009



8515327

# Triad

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



8385009



16503039



16767136

# Complementary

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



8385009



15826815

# 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.



16764593



8385009



16763374

# Square

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



8385009



13753599



16763085



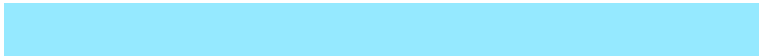
14934945

# Rectangle

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



8385009



9824767



16763085



16766372



# Sweetspot

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



8385009



14417919



8384895



6979712



0



8421504



# Same Dimension

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



8385009



7274495



8370417



7108728



47288



14392



# Inverse Universe

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



15826929



16740095



15841407



7892088



12058808

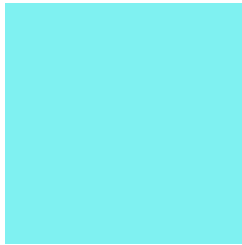


3670072



# Previews

## White Background



This preview shows how the Decimal color 8385009 looks on a white background.

## Color Contrast Check

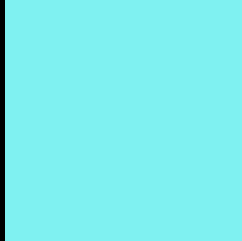
Large Text (above 18pt) WCAG AA × Fail

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 8385009 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 8385009 Background



This preview shows how black text looks on a background with the Decimal color 8385009.



This preview shows how white text looks on a background with the Decimal color 8385009.

# 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



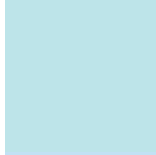


**Tritanopia**  
9367039

# Trichromacy



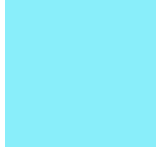
**Original Color**  
8385009



**Protanomaly**  
12444905



**Deuteranomaly**  
12771828

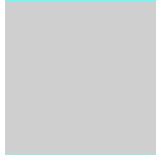


**Tritanomaly**  
9039610

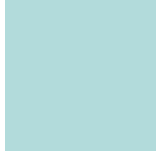
# Monochromacy



**Original Color**  
8385009



**Achromatopsia**  
13619151



**Achromatomaly**  
11721691

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8385009 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 #7FF1F1 looks like.

```
.text, #text, p{  
    color:#7FF1F1  
}
```

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 #7FF1F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FF1F1  
}
```

## Border

The CSS property to change the border of an element to Decimal 8385009 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  
#7FF1F1 }
```

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

```
.border{ border-color:#7FF1F1 }
```

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

Here you see how a box with a 4 pixel #7FF1F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FF1F1; -webkit-box-shadow:4px 4px  
4px 4px #7FF1F1; box-shadow:4px 4px 4px  
4px #7FF1F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 8385009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FF1F1 }
```

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

```
.background{ background-color:#7FF1F1 }
```

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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