

# Converting Colors

Decimal(8453309)

Have a look what the booklet for  
Decimal(8453309) contains.

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# **Color**

**Decimal(8453309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80FCBD
RGB	128, 252, 189
RGB Percent	50%, 99%, 74%
CMY	0.4980, 0.0118, 0.2588
CMYK	0.49, 0.00, 0.25, 0.01
HSL	150°, 95%, 75%
HSV	150°, 49%, 99%
XYZ	52.8978, 77.8841, 60.3892
YIQ	207.7420, -53.6810, -45.8810

# Conversions

## Conversions Part 2

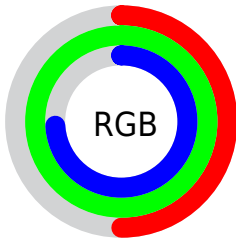
Format	Color
<a href="#">RYB</a>	<a href="#">128, 211, 252</a>
Decimal	<a href="#">8453309</a>
CIELab	<a href="#">90.73, -48.75, 19.69</a>
CIElCh	<a href="#">91, 52.577, 158.007</a>
Yxy	<a href="#">77.8841, 0.2767, 0.4074</a>
Android (android.graphics.Color)	<a href="#">4286643389</a> ( <a href="#">0xFF80FCBD</a> )
YUV	<a href="#">207.7420, -9.2398, -69.9337</a>
Hunter-Lab	<a href="#">88.2520, -47.4490, 21.2053</a>

# Details

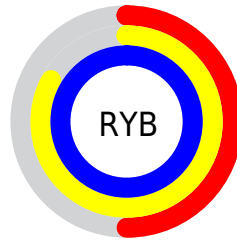
The Decimal color **8453309** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16548031**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **12320757**, and **4440967** is the 20% darker color. If you saturate the color by 10%, you get **6814896**, and if you desaturate by 10%, it is **10091722**.

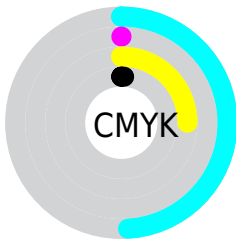
# Distribution



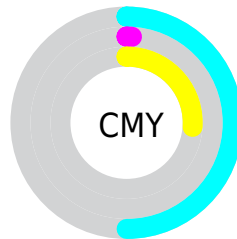
- Red (50%)
- Green (99%)
- Blue (74%)



- Red (50%)
- Yellow (83%)
- Blue (99%)



- Cyan (49%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)



- Cyan (50%)
- Magenta (1%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8453309 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 8453309 by changing the saturation by 10% instead.



 8453309

 8453309


16777215

 6479778

 12320757

 4440967

 14286847

 1812334

 16252927

 35925

 29246

 22567

 16146

 10752

 1280

 8453309

 8453309

 6814896

 10091722

 5176483

 11730135

 3472535

 13434083

 1834122

 15072496

 195709

 16710909

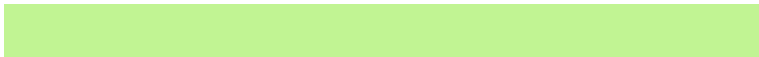
 64636

 16776447

# Harmonies

## Analogous

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



12711059



8453309



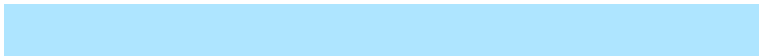
196593

# Triad

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



8453309



11462143



16762025

# Complementary

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



8453309



16548031

# 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.



16760025



8453309



16503551

# Square

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



8453309



4257023



16761599



16766087

# Rectangle

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



8453309



65279



16761599



16761016

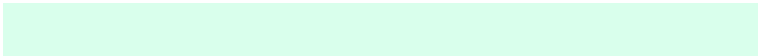


# Sweetspot

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



8453309



14286828



12647552



6914164



0

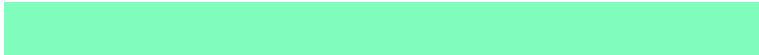


8421504



# Same Dimension

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



8453309



6946739



8453370



7372151



48477



15646



# Inverse Universe

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



16548031



16738741



16547970



8220791



12386400

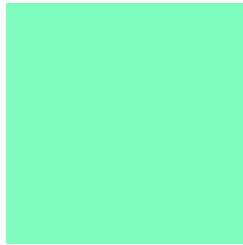


3997727



# Previews

## White Background



This preview shows how the Decimal color 8453309 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 8453309 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 8453309 Background



This preview shows how black text looks on a background with the Decimal color 8453309.

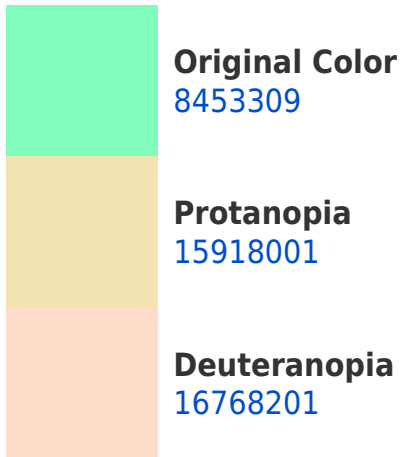


This preview shows how white text looks on a background with the Decimal color 8453309.

# 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



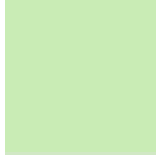


**Tritanopia**  
11071487

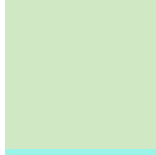
# Trichromacy



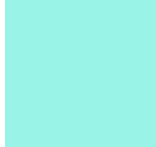
**Original Color**  
8453309



**Protanomaly**  
13233333



**Deuteranomaly**  
13756613

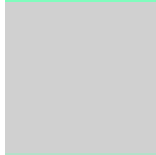


**Tritanomaly**  
10089703

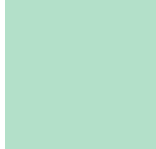
# Monochromacy



**Original Color**  
8453309



**Achromatopsia**  
13684944



**Achromatomaly**  
11788489

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8453309 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 #80FCBD looks like.

```
.text, #text, p{  
    color:#80FCBD  
}
```

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 #80FCBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80FCBD
}
```

## Border

The CSS property to change the border of an element to Decimal 8453309 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
#80FCBD }
```

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

```
.border{ border-color:#80FCBD }
```

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

Here you see how a box with a 4 pixel #80FCBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80FCBD; -webkit-box-shadow:4px 4px  
4px 4px #80FCBD; box-shadow:4px 4px 4px  
4px #80FCBD }
```

# Background

The CSS property to change the background color of an element to Decimal 8453309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80FCBD }
```

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

```
.background{ background-color:#80FCBD }
```

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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