

# Converting Colors

Decimal(8188096)

Have a look what the booklet for  
Decimal(8188096) contains.

<b>Decimal(8188096)</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(8188096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CF0C0
RGB	124, 240, 192
RGB Percent	49%, 94%, 75%
CMY	0.5137, 0.0588, 0.2471
CMYK	0.48, 0.00, 0.20, 0.06
HSL	155°, 79%, 71%
HSV	155°, 48%, 94%
XYZ	48.9867, 70.4110, 60.8780
YIQ	199.8440, -53.7280, -39.5200

# Conversions

## Conversions Part 2

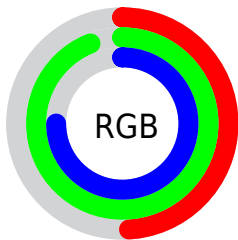
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 197, 240</a>
Decimal	<a href="#">8188096</a>
<a href="#">CIELab</a>	<a href="#">87.20, -43.94, 13.16</a>
<a href="#">CIELCh</a>	<a href="#">87, 45.867, 163.322</a>
<a href="#">Yxy</a>	<a href="#">70.4110, 0.2717, 0.3906</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4286378176 (0xFF7CF0C0)</a>
<a href="#">YUV</a>	<a href="#">199.8440, -3.8671, -66.5152</a>
<a href="#">Hunter-Lab</a>	<a href="#">83.9113, -42.6380, 15.7228</a>

# Details

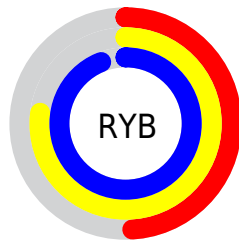
The Decimal color **8188096** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15760556**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **11993080**, and **4241290** is the 20% darker color. If you saturate the color by 10%, you get **6615222**, and if you desaturate by 10%, it is **9760970**.

# Distribution



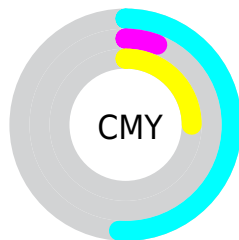
- Red (49%)
- Green (94%)
- Blue (75%)



- Red (49%)
- Yellow (77%)
- Blue (94%)



- Cyan (48%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)



- Cyan (51%)
- Magenta (6%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8188096 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 8188096 by changing the saturation by 10% instead.



 8188096

 8188096

16777215

 6280101

 11993080

 4241290

 13959167

 1612913

 15925247

 33112

 26433

 20011

 13846

 8448

 0

 8188096

 8188096

 6615222

 9760970

 5042348

 11333844

 3469474

 12906718

 1896600

 14479592

 323726

 16052466

 61581

 16773372

 16773375

# Harmonies

## Analogous

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



11790746



8188096



3863277

# Triad

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



8188096



12310783



16761249

# Complementary

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



8188096



15760556

# 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.



16759240



8188096



16304383

# Square

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



8188096



7333631



16760053



16764807

# Rectangle

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



8188096



913663



16760053



16760237

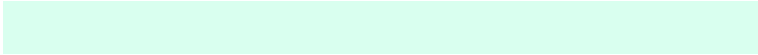


# Sweetspot

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



8188096



14286831



11333756



6914166



0



8421504



# Same Dimension

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



8188096



7077826



8185584



7108723



47212



14369



# Inverse Universe

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



15760556



16739240



15763068



7892081



12058700

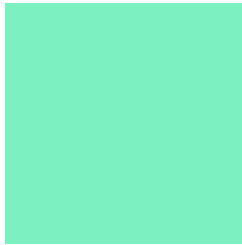


3670039



# Previews

## White Background



This preview shows how the Decimal color 8188096 looks on a white background.

## Color Contrast Check

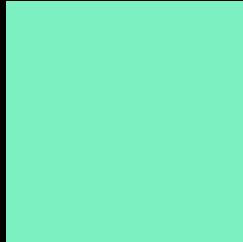
Large Text (above 18pt) WCAG AA × Fail

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 8188096 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

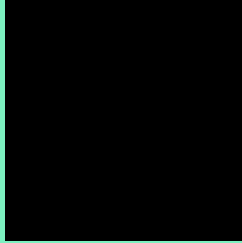
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8188096 Background



This preview shows how black text looks on a background with the Decimal color 8188096.



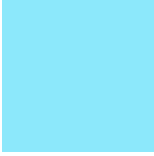
This preview shows how white text looks on a background with the Decimal color 8188096.

# 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**  
9234683

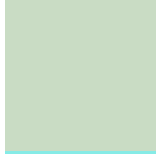
# Trichromacy



**Original Color**  
8188096



**Protanomaly**  
12575160

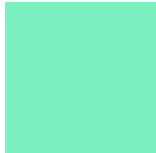


**Deuteranomaly**  
13229252

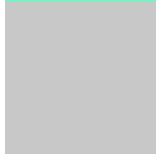


**Tritanomaly**  
8842214

# Monochromacy



**Original Color**  
8188096



**Achromatopsia**  
13158600



**Achromatomaly**  
11327429

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8188096 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 #7CF0C0 looks like.

```
.text, #text, p{  
    color:#7CF0C0  
}
```

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 #7CF0C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CF0C0
}
```

## Border

The CSS property to change the border of an element to Decimal 8188096 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
#7CF0C0 }
```

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

```
.border{ border-color:#7CF0C0 }
```

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

Here you see how a box with a 4 pixel #7CF0C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CF0C0; -webkit-box-shadow:4px 4px  
4px 4px #7CF0C0; box-shadow:4px 4px 4px  
4px #7CF0C0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8188096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CF0C0 }
```

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

```
.background{ background-color:#7CF0C0 }
```

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