

# Converting Colors

Decimal(8711404)

Have a look what the booklet for  
Decimal(8711404) contains.

<b>Decimal(8711404)</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(8711404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84ECEC
RGB	132, 236, 236
RGB Percent	52%, 93%, 93%
CMY	0.4824, 0.0745, 0.0745
CMYK	0.44, 0.00, 0.00, 0.07
HSL	180°, 73%, 72%
HSV	180°, 44%, 93%
XYZ	54.6515, 70.9526, 90.1717
YIQ	204.9040, -61.9840, -22.0480

# Conversions

## Conversions Part 2

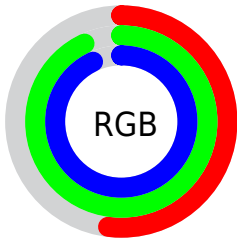
Format	Color
<a href="#">RYB</a>	<a href="#">132, 184, 236</a>
Decimal	<a href="#">8711404</a>
CIELab	<a href="#">87.46, -30.18, -9.43</a>
CIELCh	<a href="#">87, 31.622, 197.357</a>
Yxy	<a href="#">70.9526, 0.2533, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4286901484</a> ( <a href="#">0xFF84ECEC</a> )
YUV	<a href="#">204.9040, 15.3303, -63.9368</a>
Hunter-Lab	<a href="#">84.2333, -31.5957, -4.5065</a>

# Details

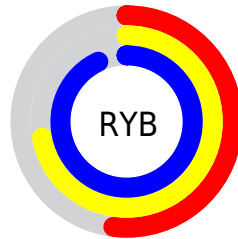
The Decimal color **8711404** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **15500420**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **12582911**, and **4764852** is the 20% darker color. If you saturate the color by 10%, you get **7138540**, and if you desaturate by 10%, it is **10284268**.

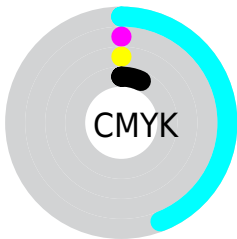
# Distribution



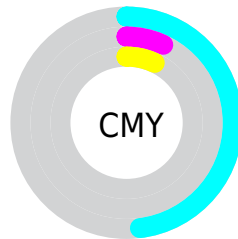
- Red (52%)
- Green (93%)
- Blue (93%)



- Red (52%)
- Yellow (72%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (7%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8711404 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 8711404 by changing the saturation by 10% instead.



8711404

8711404

16777215

6803664

12582911

4764852

14483455

2398617

16449535

32640

25959

19791

13624

8738

12

8711404

8711404

7138540

10284268

5631212

11791596

4058348

13364460

2551020

14871788

978156

16444652

60652

16772332

# Harmonies

## Analogous

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



10218445



8711404



8841727

# Triad

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



8711404



16109311



16635297

# Complementary

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



8711404



15500420

# 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.



16763824



8711404



16762857

# Square

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



8711404



13621503



16762571



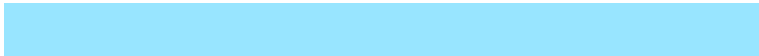
14671777

# Rectangle

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



8711404



10020351



16762571



16765605



# Sweetspot

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



8711404



14614527



8711300



7045248



0



8421504



# Same Dimension

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



8711404



7929855



8698092



6976885



46517



13878



# Inverse Universe

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



15500524



16742655



15513732



7694965



11862197

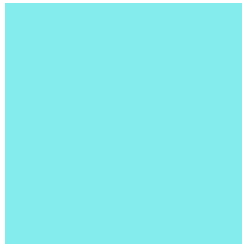


3538998



# Previews

## White Background



This preview shows how the Decimal color 8711404 looks on a white background.

## Color Contrast Check

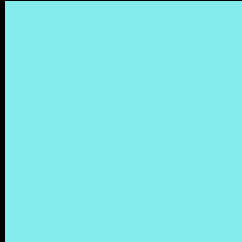
Large Text (above 18pt) WCAG AA × Fail

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 8711404 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

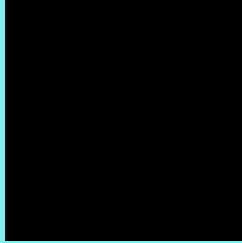
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8711404 Background



This preview shows how black text looks on a background with the Decimal color 8711404.




This preview shows how white text looks on a background with the Decimal color 8711404.

# 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**  
9038332

# Trichromacy



**Original Color**  
8711404



**Protanomaly**  
12378340



**Deuteranomaly**  
12705263

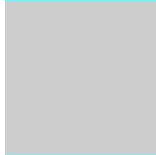


**Tritanomaly**  
8907510

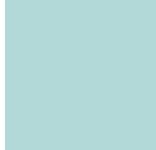
# Monochromacy



**Original Color**  
8711404



**Achromatopsia**  
13487565



**Achromatomaly**  
11720920

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8711404 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 #84ECEC looks like.

```
.text, #text, p{  
    color:#84ECEC  
}
```

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 #84ECEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84ECEC
}
```

## Border

The CSS property to change the border of an element to Decimal 8711404 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
#84ECEC }
```

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

```
.border{ border-color:#84ECEC }
```

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

Here you see how a box with a 4 pixel #84ECEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84ECEC; -webkit-box-shadow:4px 4px  
4px 4px #84ECEC; box-shadow:4px 4px 4px  
4px #84ECEC }
```

# Background

The CSS property to change the background color of an element to Decimal 8711404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84ECEC }
```

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

```
.background{ background-color:#84ECEC }
```

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