

# Converting Colors

Decimal(8437228)

Have a look what the booklet for  
Decimal(8437228) contains.

<b>Decimal(8437228)</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(8437228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80BDEC
RGB	128, 189, 236
RGB Percent	50%, 74%, 93%
CMY	0.4980, 0.2588, 0.0745
CMYK	0.46, 0.20, 0.00, 0.07
HSL	206°, 74%, 71%
HSV	206°, 46%, 93%
XYZ	42.2400, 47.0405, 86.2103
YIQ	176.1190, -51.4430, 1.6850

# Conversions

## Conversions Part 2

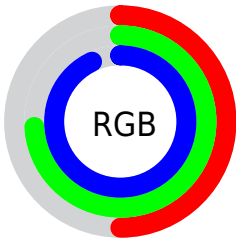
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 167, 236</a>
Decimal	<a href="#">8437228</a>
CIELab	<a href="#">74.22, -7.30, -29.48</a>
CIELCh	<a href="#">74, 30.370, 256.095</a>
Yxy	<a href="#">47.0405, 0.2407, 0.2681</a>
Android (android.graphics.Color)	<a href="#">4286627308 (0xFF80BDEC)</a>
YUV	<a href="#">176.1190, 29.5213, -42.2004</a>
Hunter-Lab	<a href="#">68.5861, -10.0931, -26.5152</a>

# Details

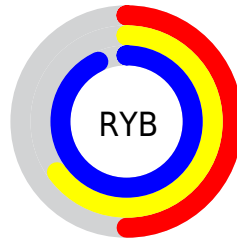
The Decimal color **8437228** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15511424**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **12187135**, and **4688052** is the 20% darker color. If you saturate the color by 10%, you get **6861804**, and if you desaturate by 10%, it is **10012652**.

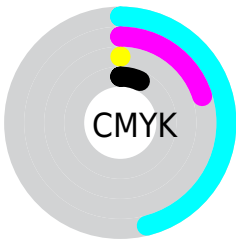
# Distribution



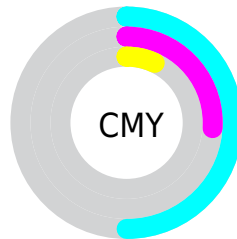
- Red (50%)
- Green (74%)
- Blue (93%)



- Red (50%)
- Yellow (65%)
- Blue (93%)



- Cyan (46%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (26%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8437228 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 8437228 by changing the saturation by 10% instead.



8437228

8437228

16777215

6595280

12187135

4688052

14090239

2518937

16056319

22143

16230

10574

5430

545

6

■ 8437228

■ 8437228

■ 6861804

■ 10012652

■ 5351660

■ 11522796

■ 3776236

■ 13098220

■ 2266348

■ 14608108

■ 690924

■ 16183532

■ 34284

■ 16776172

■ 16777196

# Harmonies

## Analogous

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



6538206



8437228



11121900

# Triad

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



8437228



15704744



10207631

# Complementary

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



8437228



15511424

# 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.



12302976



8437228



15312783

# Square

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



8437228



15115205



14069889



8111528

# Rectangle

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



8437228



12758500



14069889



10928009



# Sweetspot

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



8437228



14413823



8449199



6977152



0



8421504

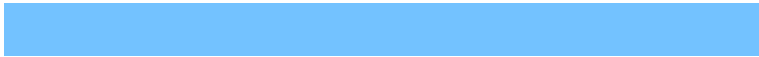


# Same Dimension

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



8437228



7586559



8423404



6975605



26293



7734



# Inverse Universe

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



15499453



16741314



15525248



7694960



11862118

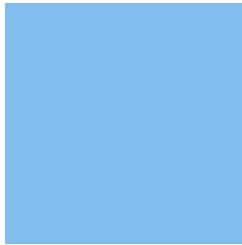


3538974



# Previews

## White Background



This preview shows how the Decimal color 8437228 looks on a white background.

## Color Contrast Check

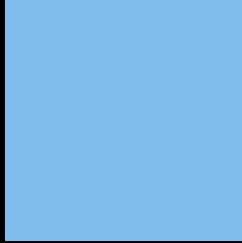
Large Text (above 18pt) WCAG AA × Fail

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 8437228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

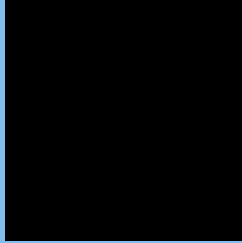
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8437228 Background



This preview shows how black text looks on a background with the Decimal color 8437228.



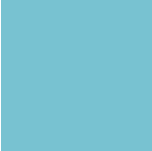
This preview shows how white text looks on a background with the Decimal color 8437228.

# 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](#).

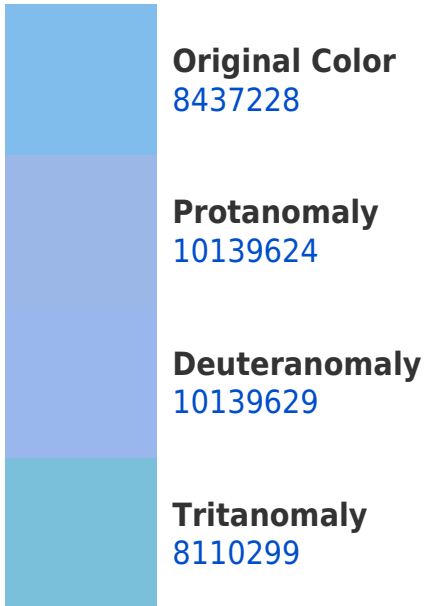
## Dichromacy



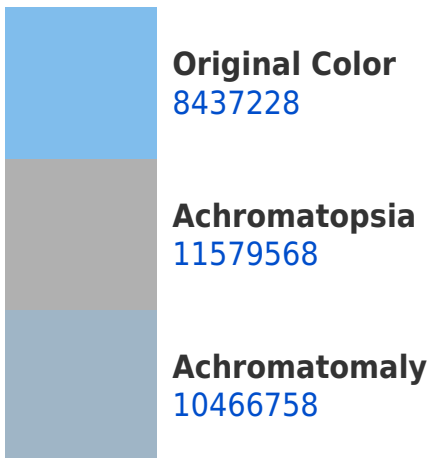


**Tritanopia**  
7914193

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8437228 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 #80BDEC looks like.

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

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 #80BDEC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 8437228 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
#80BDEC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 8437228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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