

# Converting Colors

Decimal(8372203)

Have a look what the booklet for  
Decimal(8372203) contains.

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# **Color**

**Decimal(8372203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FBFEB
RGB	127, 191, 235
RGB Percent	50%, 75%, 92%
CMY	0.5020, 0.2510, 0.0784
CMYK	0.46, 0.19, 0.00, 0.08
HSL	204°, 73%, 71%
HSV	204°, 46%, 92%
XYZ	42.3786, 47.7718, 85.5845
YIQ	176.8800, -52.2680, 0.1160

# Conversions

## Conversions Part 2

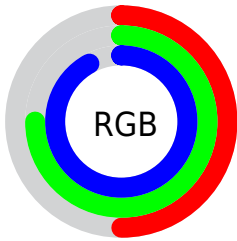
Format	Color
R <sub>Y</sub> B	127, 167, 235
Decimal	8372203
CIE Lab	74.68, -8.89, -28.23
CIE LCh	75, 29.595, 252.527
Yxy	47.7718, 0.2412, 0.2718
Android (android.graphics.Color)	4286562283 (0xFF7FBFEB)
YUV	176.8800, 28.6532, -43.7448
Hunter-Lab	69.1171, -11.5092, -25.0341

# Details

The Decimal color **8372203** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15444863**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **12122111**, and **4557491** is the 20% darker color. If you saturate the color by 10%, you get **6862315**, and if you desaturate by 10%, it is **9947627**.

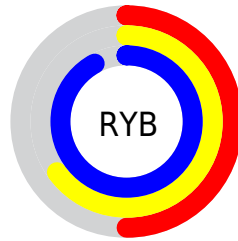
# Distribution



Red (50%)

Green (75%)

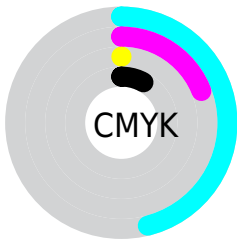
Blue (92%)



Red (50%)

Yellow (65%)

Blue (92%)

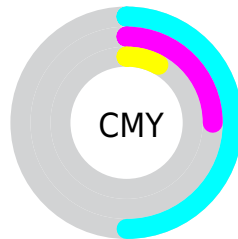


Cyan (46%)

Magenta (19%)

Yellow (0%)

Black (8%)



Cyan (50%)

Magenta (25%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8372203 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 8372203 by changing the saturation by 10% instead.



8372203

8372203

16777215

6530255

12122111

4557491

14024703

2453656

15990783

22654

16741

11085

5942

544

4

■ 8372203

■ 8372203

■ 6862315

■ 9947627

■ 5287147

■ 11457259

■ 3711723

■ 13032683

■ 2202091

■ 14542315

■ 692203

■ 16052203

■ 35819

■ 16775403

■ 16777195

# Harmonies

## Analogous

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



6735324



8372203



10925805

# Triad

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



8372203



15705261



10600847

# Complementary

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



8372203



15444863

# 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.



12630658



8372203



15378580

# Square

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



8372203



14984905



14266756



8570535

# Rectangle

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



8372203



12562662



14266756



11321225

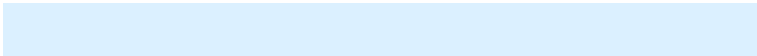


# Sweetspot

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



8372203



14414079



8383402



6977408



0



8421504

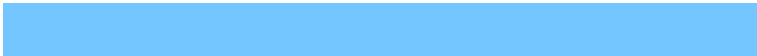


# Same Dimension

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



8372203



7587583



8358635



6975861



27573



8246



# Inverse Universe

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



15433663



16741318



15458431



7694961



11862123

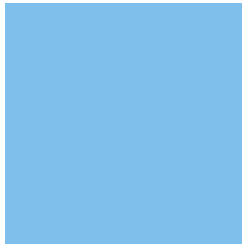


3538976



# Previews

## White Background



This preview shows how the Decimal color 8372203 looks on a white background.

## Color Contrast Check

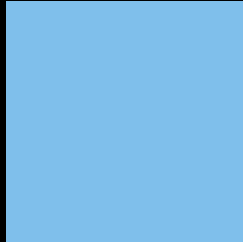
Large Text (above 18pt) WCAG AA × Fail

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 8372203 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

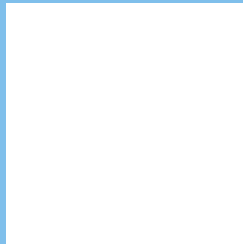
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8372203 Background



This preview shows how black text looks on a background with the Decimal color 8372203.

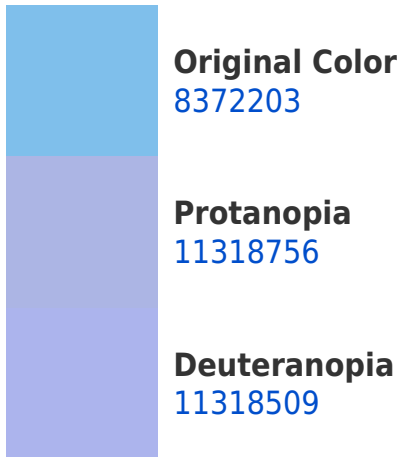


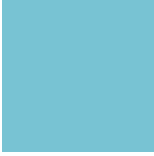
This preview shows how white text looks on a background with the Decimal color 8372203.

# 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](#).

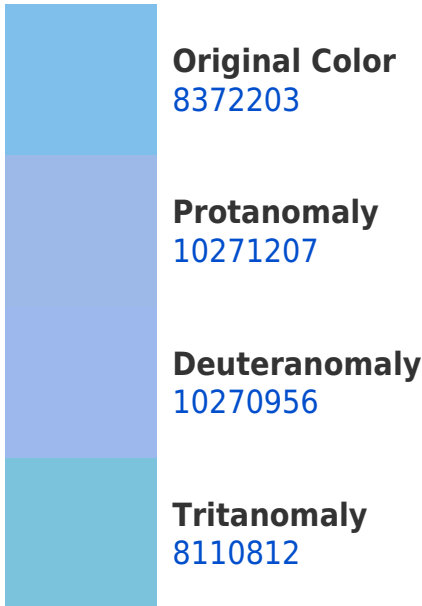
## Dichromacy



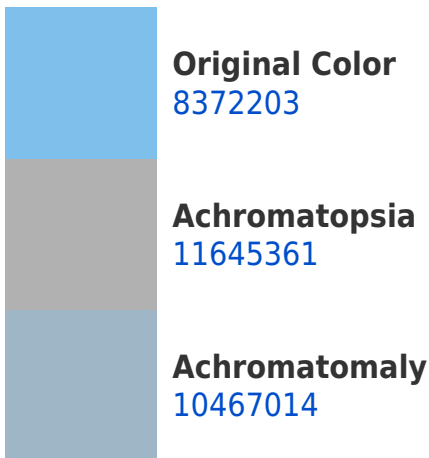


**Tritanopia**  
7914451

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8372203 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 #7FBFEB looks like.

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

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 #7FBFEB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 8372203 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
#7FBFEB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 8372203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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