

# Converting Colors

Decimal(8765409)

Have a look what the booklet for  
Decimal(8765409) contains.

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# **Color**

**Decimal(8765409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85BFE1
RGB	133, 191, 225
RGB Percent	52%, 75%, 88%
CMY	0.4784, 0.2510, 0.1176
CMYK	0.41, 0.15, 0.00, 0.12
HSL	202°, 61%, 70%
HSV	202°, 41%, 88%
XYZ	41.8943, 47.6844, 78.2301
YIQ	177.5340, -45.4820, -1.7220

# Conversions

## Conversions Part 2

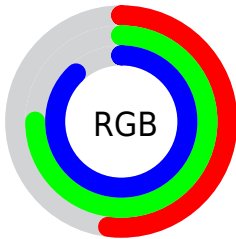
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	133, 169, 225
Decimal	8765409
CIE Lab	74.63, -10.11, -22.88
CIE LCh	75, 25.013, 246.163
Yxy	47.6844, 0.2497, 0.2842
Android (android.graphics.Color)	4286955489 (0xFF85BFE1)
YUV	177.5340, 23.4007, -39.0563
Hunter-Lab	69.0539, -12.5502, -18.8310

# Details

The Decimal color **8765409** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14788485**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **12449791**, and **5147306** is the 20% darker color. If you saturate the color by 10%, you get **7321569**, and if you desaturate by 10%, it is **10209249**.

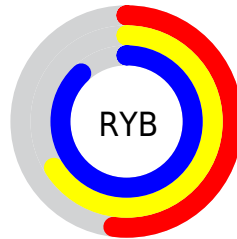
# Distribution



Red (52%)

Green (75%)

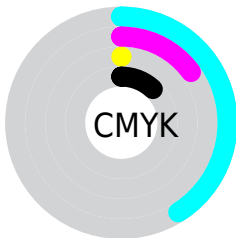
Blue (88%)



Red (52%)

Yellow (66%)

Blue (88%)

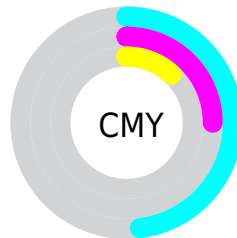


Cyan (41%)

Magenta (15%)

Yellow (0%)

Black (12%)



Cyan (48%)

Magenta (25%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8765409 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 8765409 by changing the saturation by 10% instead.



8765409

8765409

16777215

6923461

12449791

5147306

14352383

3240079

16252927

809077

16477

10821

5934

282

0

8765409

8765409

7321569

10209249

5811937

11718881

4368097

13228257

2858721

14672097

1414625

16181729

36577

16773601

16775649

16777185

# Harmonies

## Analogous

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



7783378



8765409



10664165

# Triad

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



8765409



15116212



11189906

# Complementary

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



8765409



14788485

# 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.



12892298



8765409



15051422

# Square

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



8765409



14265035



14266510



9487268

# Rectangle

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



8765409



12039137



14266510



11779214

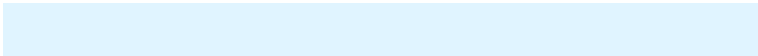


# Sweetspot

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



8765409



14742783



8774055



7240064



0



8421504

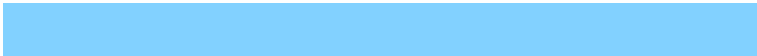


# Same Dimension

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



8765409



8573439



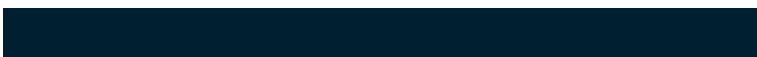
8753633



6646896



28592



7984



# Inverse Universe

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



14779839



16745169



14800261



7365996



11534447



3145759



# Previews

## White Background



This preview shows how the Decimal color 8765409 looks on a white background.

## Color Contrast Check

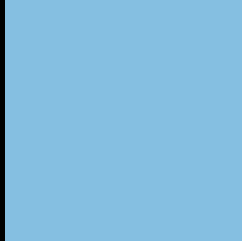
Large Text (above 18pt) WCAG AA × Fail

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 8765409 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 8765409 Background



This preview shows how black text looks on a background with the Decimal color 8765409.

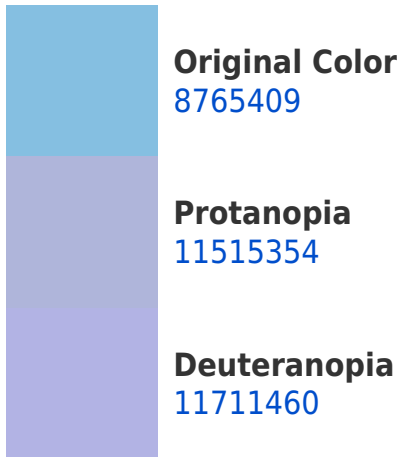


This preview shows how white text looks on a background with the Decimal color 8765409.

# 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](#).

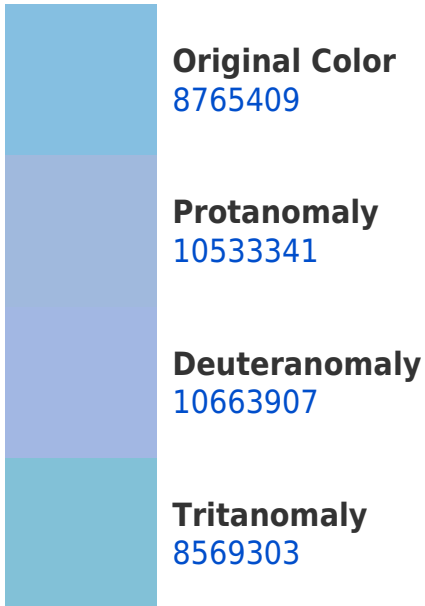
## Dichromacy



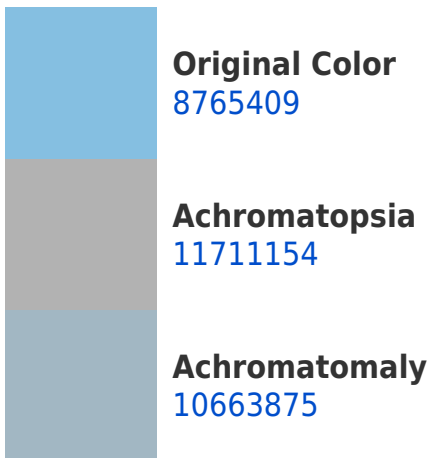


**Tritanopia**  
8504017

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8765409 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 #85BFE1 looks like.

```
.text, #text, p{  
    color:#85BFE1  
}
```

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 #85BFE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BFE1
}
```

## Border

The CSS property to change the border of an element to Decimal 8765409 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
#85BFE1 }
```

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

```
.border{ border-color:#85BFE1 }
```

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

Here you see how a box with a 4 pixel #85BFE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BFE1; -webkit-box-shadow:4px 4px  
4px 4px #85BFE1; box-shadow:4px 4px 4px  
4px #85BFE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 8765409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BFE1 }
```

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

```
.background{ background-color:#85BFE1 }
```

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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