

Converting Colors

Decimal(8303609)

Have a look what the booklet for
Decimal(8303609) contains.

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Color

Decimal(8303609)

Conversions

Conversions Part 1

Format	Color
Hex	7EB3F9
RGB	126, 179, 249
RGB Percent	49%, 70%, 98%
CMY	0.5059, 0.2980, 0.0235
CMYK	0.49, 0.28, 0.00, 0.02
HSL	214°, 91%, 74%
HSV	214°, 49%, 98%
XYZ	41.8232, 43.5154, 95.8175
YIQ	171.1330, -54.0580, 10.5340

Conversions

Conversions Part 2

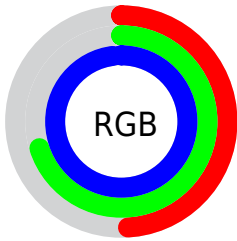
Format	Color
RYB	126, 163, 249
Decimal	8303609
CIELab	71.90, 1.41, -40.10
CIElCh	72, 40.124, 272.012
Yxy	43.5154, 0.2309, 0.2402
Android (android.graphics.Color)	4286493689 (0xFF7EB3F9)
YUV	171.1330, 38.3884, -39.5816
Hunter-Lab	65.9662, -2.2702, -39.9439

Details

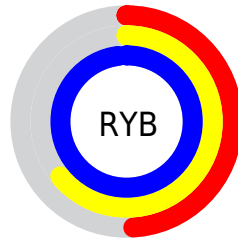
The Decimal color **8303609** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16368766**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **12119039**, and **4358080** is the 20% darker color. If you saturate the color by 10%, you get **6661625**, and if you desaturate by 10%, it is **9945593**.

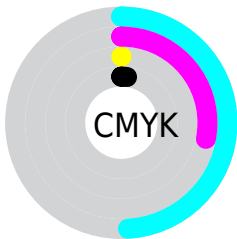
Distribution



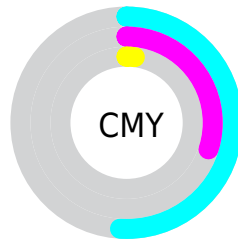
- Red (49%)
- Green (70%)
- Blue (98%)



- Red (49%)
- Yellow (64%)
- Blue (98%)



- Cyan (49%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8303609 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 8303609 by changing the saturation by 10% instead.

■ 8303609

■ 8303609

16777215

■ 6396124

■ 12119039

■ 4358080

■ 14024703

■ 1926821

■ 15990783

■ 20106

■ 14448

■ 9048

■ 3136

■ 809

■ 275

■ 8303609

■ 8303609

■ 6661625

■ 9945593

■ 5019641

■ 11587577

■ 3377401

■ 13229817

■ 1735417

■ 14871801

■ 158969

■ 16513785

■ 27641

■ 16777209

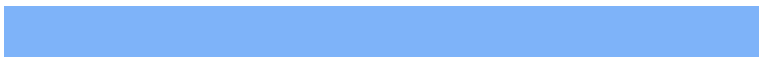
Harmonies

Analogous

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



3653104



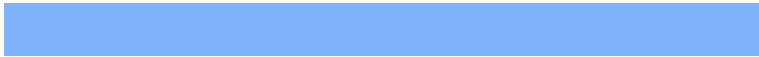
8303609



12035822

Triad

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



8303609



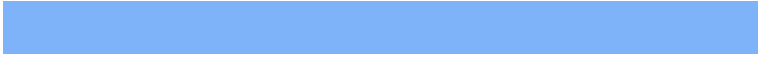
16095115



7586189

Complementary

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



8303609



16368766

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.



10467953



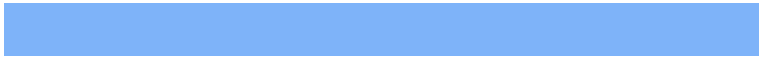
8303609



14983792

Square

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



8303609



16094127



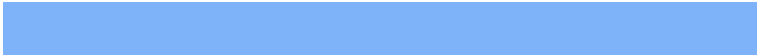
13021030



4048050

Rectangle

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



8303609



13999582



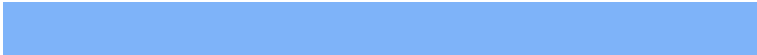
13021030



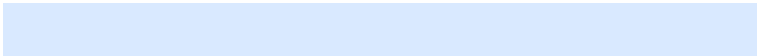
8568706

Sweetspot

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



8303609



14281215



8321476



6910592



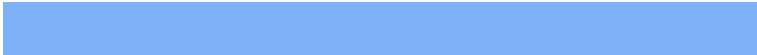
0



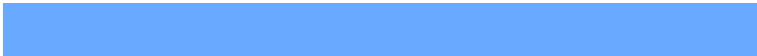
8421504

Same Dimension

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



8303609



6924799



8814329



7370365



20925



6717

Inverse Universe

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



16350899



16738729



15858046



8220790



12386385



3997722

Previews

White Background



This preview shows how the Decimal color 8303609 looks on a white background.

Color Contrast Check

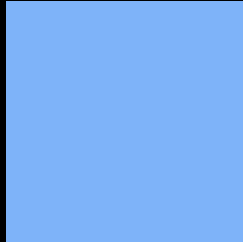
Large Text (above 18pt) WCAG AA × Fail

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 8303609 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

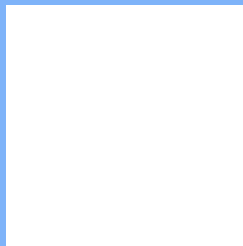
Any Text WCAG AAA ✓ Pass

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

Decimal 8303609 Background



This preview shows how black text looks on a background with the Decimal color 8303609.



This preview shows how white text looks on a background with the Decimal color 8303609.

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](#).

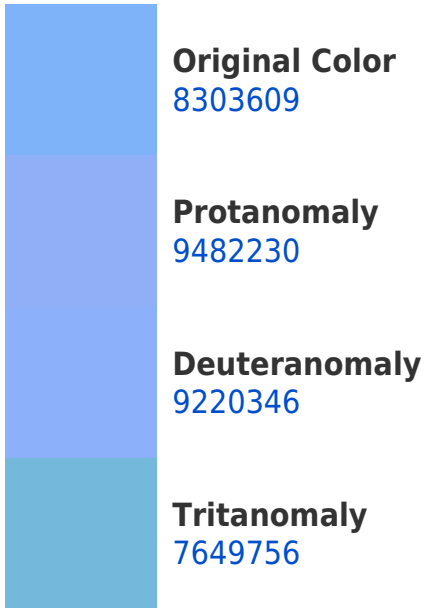
Dichromacy



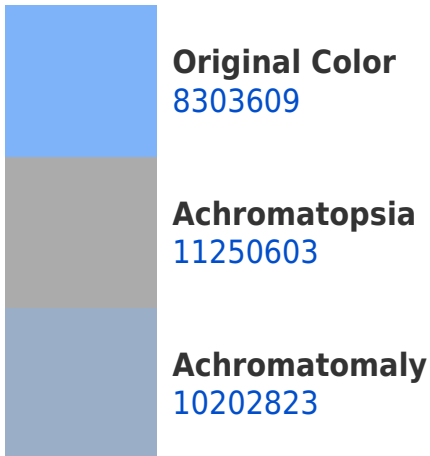


Tritanopia
7322827

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8303609 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 #7EB3F9 looks like.

```
.text, #text, p{  
    color:#7EB3F9  
}
```

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 #7EB3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB3F9
}
```

Border

The CSS property to change the border of an element to Decimal 8303609 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
#7EB3F9 }
```

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

```
.border{ border-color:#7EB3F9 }
```

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

Here you see how a box with a 4 pixel #7EB3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB3F9; -webkit-box-shadow:4px 4px  
4px 4px #7EB3F9; box-shadow:4px 4px 4px  
4px #7EB3F9 }
```

Background

The CSS property to change the background color of an element to Decimal 8303609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB3F9 }
```

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

```
.background{ background-color:#7EB3F9 }
```

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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