

Converting Colors

Decimal(8175603)

Have a look what the booklet for
Decimal(8175603) contains.

Decimal(8175603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8175603)

Conversions

Conversions Part 1

Format	Color
Hex	7CBFF3
RGB	124, 191, 243
RGB Percent	49%, 75%, 95%
CMY	0.5137, 0.2510, 0.0471
CMYK	0.49, 0.21, 0.00, 0.05
HSL	206°, 83%, 72%
HSV	206°, 49%, 95%
XYZ	43.1206, 48.0178, 91.7897
YIQ	176.8950, -56.6240, 1.9680

Conversions

Conversions Part 2

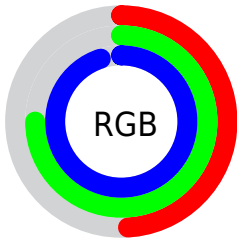
Format	Color
RYB	124, 167, 243
Decimal	8175603
CIELab	74.84, -7.34, -32.32
CIElCh	75, 33.142, 257.205
Yxy	48.0178, 0.2357, 0.2625
Android (android.graphics.Color)	4286365683 (0xFF7CBFF3)
YUV	176.8950, 32.5898, -46.3889
Hunter-Lab	69.2948, -10.1894, -30.0306

Details

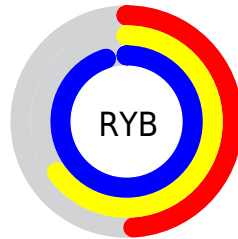
The Decimal color **8175603** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15970428**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **11991039**, and **4229819** is the 20% darker color. If you saturate the color by 10%, you get **6599923**, and if you desaturate by 10%, it is **9751283**.

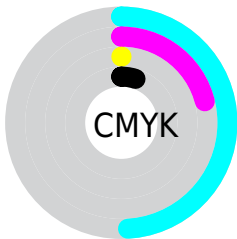
Distribution



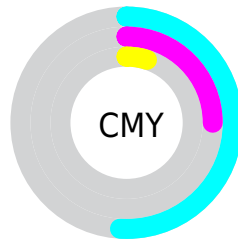
- Red (49%)
- Green (75%)
- Blue (95%)



- Red (49%)
- Yellow (65%)
- Blue (95%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8175603 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 8175603 by changing the saturation by 10% instead.

8175603

8175603

16777215

6268118

11991039

4229819

13893631

1798304

15859711

22661

16748

11091

5948

550

270

■ 8175603

■ 8175603

■ 6599923

■ 9751283

■ 4958963

■ 11392243

■ 3383283

■ 12967923

■ 1807859

■ 14543347

■ 232179

■ 16119027

■ 35315

■ 16777203

Harmonies

Analogous

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



5818084



8175603



11187698

Triad

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



8175603



16097960



10077326

Complementary

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



8175603



15970428

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.



12369021



8175603



15640717

Square

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



8175603



15508423



14267005



7719082

Rectangle

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



8175603



13020905



14267005



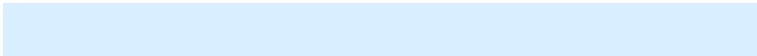
10862983

Sweetspot

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



8175603



14282495



8188848



6911360



0



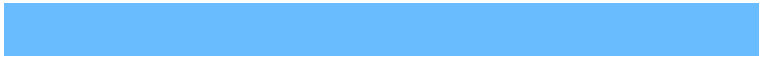
8421504

Same Dimension

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



8175603



6929919



8160499



7239034



27066



8507

Inverse Universe

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



15957183



16738749



15985532



8023669



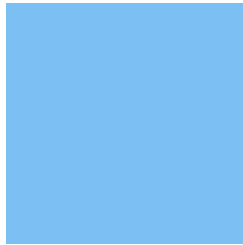
12189801



3866657

Previews

White Background



This preview shows how the Decimal color 8175603 looks on a white background.

Color Contrast Check

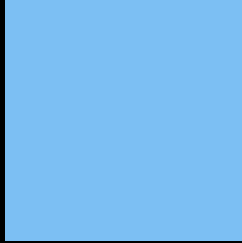
Large Text (above 18pt) WCAG AA × Fail

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 8175603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

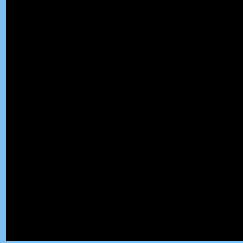
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

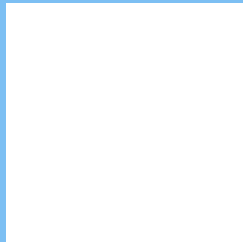
Any Text WCAG AAA ✓ Pass

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

Decimal 8175603 Background



This preview shows how black text looks on a background with the Decimal color 8175603.



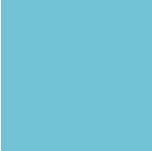
This preview shows how white text looks on a background with the Decimal color 8175603.

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



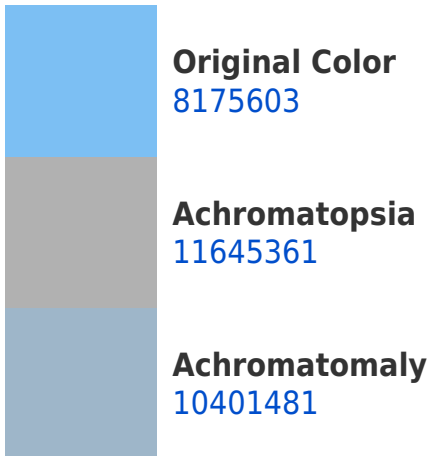


Tritanopia
7521492

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8175603 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 #7CBFF3 looks like.

```
.text, #text, p{  
    color:#7CBFF3  
}
```

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 #7CBFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CBFF3
}
```

Border

The CSS property to change the border of an element to Decimal 8175603 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
#7CBFF3 }
```

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

```
.border{ border-color:#7CBFF3 }
```

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

Here you see how a box with a 4 pixel #7CBFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CBFF3; -webkit-box-shadow:4px 4px  
4px 4px #7CBFF3; box-shadow:4px 4px 4px  
4px #7CBFF3 }
```

Background

The CSS property to change the background color of an element to Decimal 8175603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CBFF3 }
```

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

```
.background{ background-color:#7CBFF3 }
```

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