

Converting Colors

Decimal(5087209)

Have a look what the booklet for
Decimal(5087209) contains.

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Color

Decimal(5087209)

Conversions

Conversions Part 1

Format	Color
Hex	4D9FE9
RGB	77, 159, 233
RGB Percent	30%, 62%, 91%
CMY	0.6980, 0.3765, 0.0863
CMYK	0.67, 0.32, 0.00, 0.09
HSL	208°, 78%, 61%
HSV	208°, 67%, 91%
XYZ	30.1667, 32.2572, 81.7271
YIQ	142.9180, -72.6260, 5.6300

Conversions

Conversions Part 2

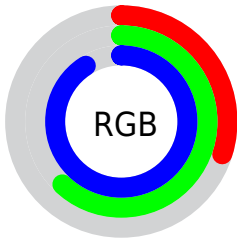
Format	Color
R _Y B	77, 131, 233
Decimal	5087209
CIE Lab	63.55, -1.85, -44.60
CIE LCh	64, 44.635, 267.628
Yxy	32.2572, 0.2093, 0.2238
Android (android.graphics.Color)	4283277289 (0xFF4D9FE9)
YUV	142.9180, 44.4104, -57.8101
Hunter-Lab	56.7955, -4.5825, -45.5599

Details

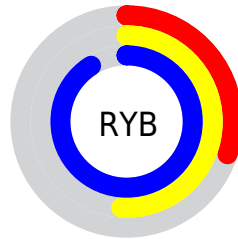
The Decimal color **5087209** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **15308621**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9229823**, and **27825** is the 20% darker color. If you saturate the color by 10%, you get **3577065**, and if you desaturate by 10%, it is **6597353**.

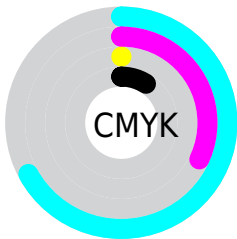
Distribution



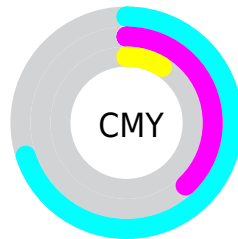
- Red (30%)
- Green (62%)
- Blue (91%)



- Red (30%)
- Yellow (51%)
- Blue (91%)



- Cyan (67%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)



- Cyan (70%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5087209 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 5087209 by changing the saturation by 10% instead.

5087209

5087209

16777215

2459085

9229823

27825

11268863

21654

13238271

15740

15204351

10338

5194

1075

541

0

■ 5087209

■ 5087209

■ 3577065

■ 6597353

■ 2001385

■ 8173033

■ 491241

■ 9683177

■ 31465

■ 11193321

■ 12703465

■ 14279145

■ 15789289

■ 16775145

■ 16777193

Harmonies

Analogous

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



43484



5087209



9998816

Triad

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



5087209



14974071



6072942

Complementary

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



5087209



15308621

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.



9282385



5087209



13863000

Square

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



5087209



14776735



11900744



44693

Rectangle

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



5087209



12289744



11900744



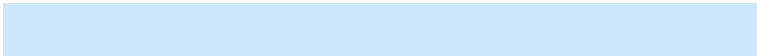
7186530

Sweetspot

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



5087209



13428735



5106070



6386048



0



8421504

Same Dimension

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



5087209



3383039



5067497



6975605



24501



7222

Inverse Universe

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



15289759



16724894



15328333



7694960



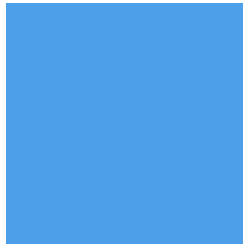
11862111



3538972

Previews

White Background



This preview shows how the Decimal color 5087209 looks on a white background.

Color Contrast Check

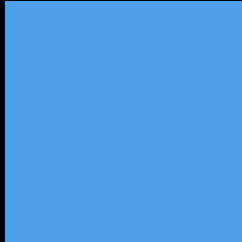
Large Text (above 18pt) WCAG AA × Fail

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 5087209 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 5087209 Background



This preview shows how black text looks on a background with the Decimal color 5087209.



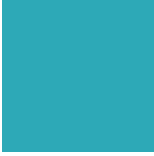
This preview shows how white text looks on a background with the Decimal color 5087209.

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](#).

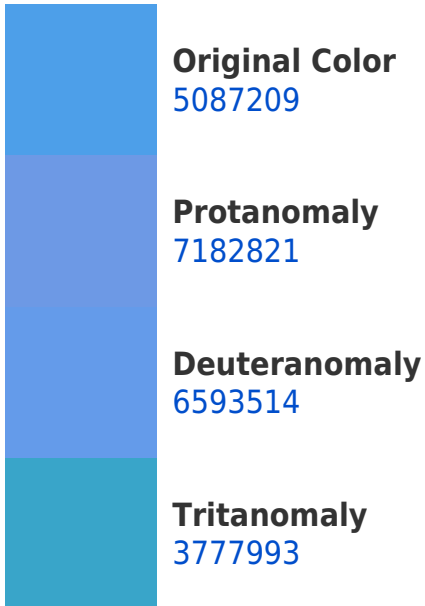
Dichromacy



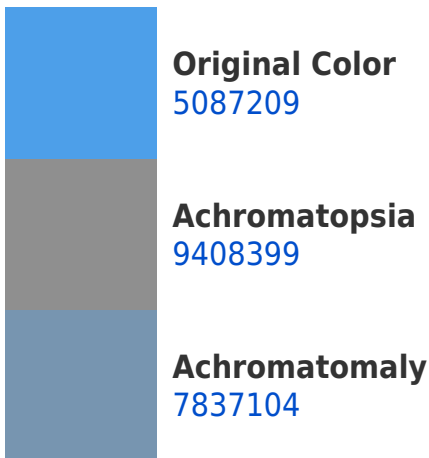


Tritanopia
2992567

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5087209 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 #4D9FE9 looks like.

```
.text, #text, p{  
    color:#4D9FE9  
}
```

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 #4D9FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9FE9
}
```

Border

The CSS property to change the border of an element to Decimal 5087209 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
#4D9FE9 }
```

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

```
.border{ border-color:#4D9FE9 }
```

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

Here you see how a box with a 4 pixel #4D9FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9FE9; -webkit-box-shadow:4px 4px  
4px 4px #4D9FE9; box-shadow:4px 4px 4px  
4px #4D9FE9 }
```

Background

The CSS property to change the background color of an element to Decimal 5087209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9FE9 }
```

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

```
.background{ background-color:#4D9FE9 }
```

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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