

Converting Colors

Decimal(5875679)

Have a look what the booklet for
Decimal(5875679) contains.

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Color

Decimal(5875679)

Conversions

Conversions Part 1

Format	Color
Hex	59A7DF
RGB	89, 167, 223
RGB Percent	35%, 65%, 87%
CMY	0.6510, 0.3451, 0.1255
CMYK	0.60, 0.25, 0.00, 0.13
HSL	205°, 68%, 61%
HSV	205°, 60%, 87%
XYZ	31.2578, 35.0890, 74.9374
YIQ	150.0620, -64.4640, 0.8800

Conversions

Conversions Part 2

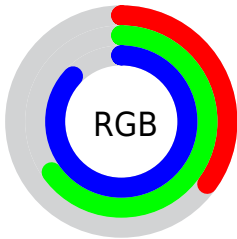
Format	Color
R _Y B	89, 138, 223
Decimal	5875679
CIE Lab	65.82, -7.54, -35.52
CIE LCh	66, 36.306, 258.017
Yxy	35.0890, 0.2212, 0.2484
Android (android.graphics.Color)	4284065759 (0xFF59A7DF)
YUV	150.0620, 35.9584, -53.5514
Hunter-Lab	59.2360, -9.4715, -33.5406

Details

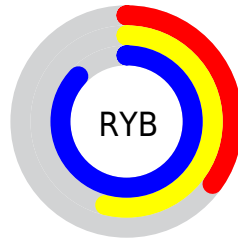
The Decimal color **5875679** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **14651737**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9821951**, and **95144** is the 20% darker color. If you saturate the color by 10%, you get **4431583**, and if you desaturate by 10%, it is **7319775**.

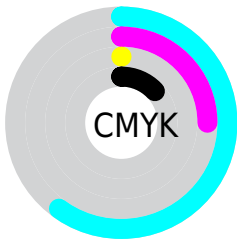
Distribution



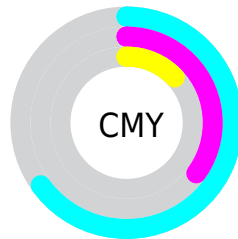
- Red (35%)
- Green (65%)
- Blue (87%)



- Red (35%)
- Yellow (54%)
- Blue (87%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5875679 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 5875679 by changing the saturation by 10% instead.

■ 5875679

■ 5875679

16777215

■ 3706307

■ 9821951

■ 95144

■ 11729919

■ 23437

■ 13697023

■ 17523

■ 15663103

■ 11866

■ 6722

■ 812

■ 278

■ 0

■ 5875679

■ 5875679

■ 4431583

■ 7319775

■ 2921695

■ 8829663

■ 1477599

■ 10273759

■ 33503

■ 11717855

■ 13227743

■ 14671839

■ 16115935

■ 16773855

■ 16776159

Harmonies

Analogous

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



1814223



5875679



9477342

Triad

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



5875679



14714765



8236147

Complementary

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



5875679



14651737

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.



10658913



5875679



14126705

Square

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



5875679



14125230



12687712



5419153

Rectangle

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



5875679



11506899



12687712



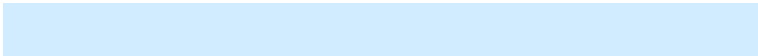
9022059

Sweetspot

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



5875679



13757695



5889937



6517888



0



8421504

Same Dimension

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



5875679



4698879



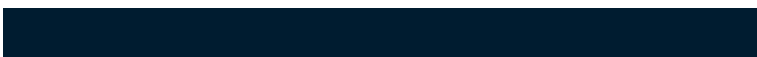
5858527



6646896



26288



7216

Inverse Universe

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



14637479



16730034



14668889



7365996



11534438



3145756

Previews

White Background



This preview shows how the Decimal color 5875679 looks on a white background.

Color Contrast Check

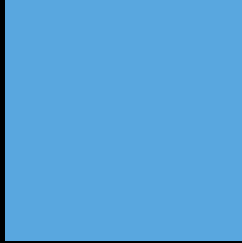
Large Text (above 18pt) WCAG AA × Fail

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 5875679 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 5875679 Background



This preview shows how black text looks on a background with the Decimal color 5875679.

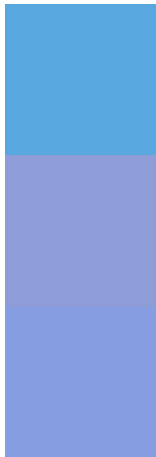


This preview shows how white text looks on a background with the Decimal color 5875679.

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



Original Color
5875679

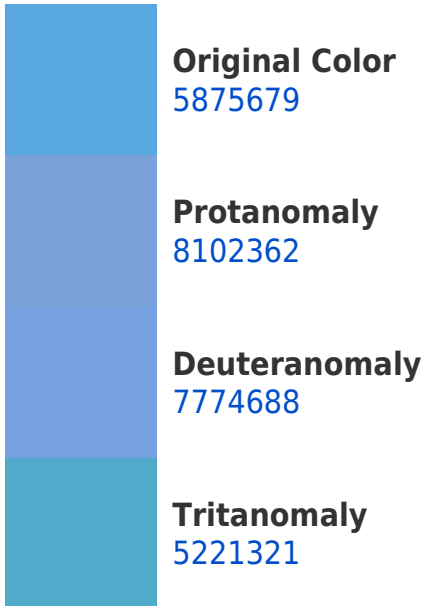
Protanopia
9346519

Deuteranopia
8887777



Tritanopia
4828860

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5875679 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 #59A7DF looks like.

```
.text, #text, p{  
    color:#59A7DF  
}
```

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 #59A7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A7DF
}
```

Border

The CSS property to change the border of an element to Decimal 5875679 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
#59A7DF }
```

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

```
.border{ border-color:#59A7DF }
```

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

Here you see how a box with a 4 pixel #59A7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A7DF; -webkit-box-shadow:4px 4px  
4px 4px #59A7DF; box-shadow:4px 4px 4px  
4px #59A7DF }
```

Background

The CSS property to change the background color of an element to Decimal 5875679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A7DF }
```

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

```
.background{ background-color:#59A7DF }
```

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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