

# Converting Colors

Decimal(5898203)

Have a look what the booklet for  
Decimal(5898203) contains.

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# **Color**

**Decimal(5898203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59FFDB
RGB	89, 255, 219
RGB Percent	35%, 100%, 86%
CMY	0.6510, 0.0000, 0.1412
CMYK	0.65, 0.00, 0.14, 0.00
HSL	167°, 100%, 67%
HSV	167°, 65%, 100%
XYZ	52.6660, 78.7583, 79.4439
YIQ	201.2620, -87.3800, -46.3880

# Conversions

## Conversions Part 2

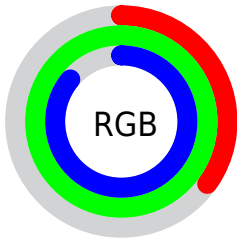
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 182, 255
Decimal	5898203
CIELab	91.12, -51.07, 4.65
CIELCh	91, 51.279, 174.801
Yxy	78.7583, 0.2498, 0.3735
Android (android.graphics.Color)	4284088283 (0xFF59FFDB)
YUV	201.2620, 8.7448, -98.4538
Hunter-Lab	88.7459, -49.3750, 9.0466

# Details

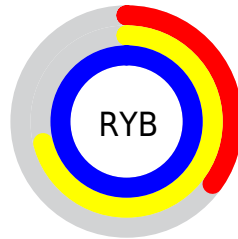
The Decimal color **5898203** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **16734589**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **10223615**, and **50596** is the 20% darker color. If you saturate the color by 10%, you get **4259797**, and if you desaturate by 10%, it is **7602145**.

# Distribution



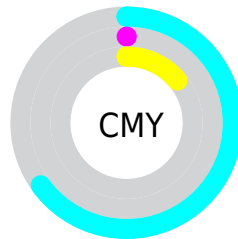
- Red (35%)
- Green (100%)
- Blue (86%)



- Red (35%)
- Yellow (71%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5898203 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 5898203 by changing the saturation by 10% instead.



 5898203

 5898203

16777215

 3138239

 10223615

 50596

 12320767

 43402

 14352383

 36464

 16383999

 29784

 23105

 16683

 11030

 2048

■ 5898203

■ 5898203

■ 4259797

■ 7602145

■ 2555856

■ 9240550

■ 917450

■ 10944492

■ 65480

■ 12582897

■ 14286839

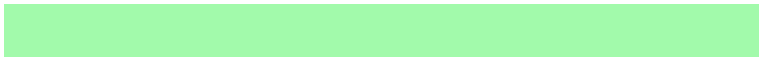
■ 15925244

16777215

# Harmonies

## Analogous

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



10681003



5898203



65535

# Triad

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



5898203



14605567



16764567

# Complementary

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



5898203



16734589

# 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.



16761279



5898203



16763647

# Square

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



5898203



9104895



16760816



16769155

# Rectangle

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



5898203



64767



16760816



16763298

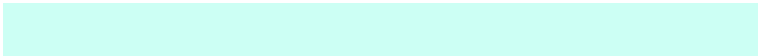


# Sweetspot

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



5898203



13434868



8453977



6389881



0

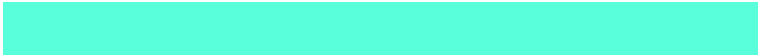


8421504



# Same Dimension

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



5898203



3735508



5886975



7569533



49046



16434



# Inverse Universe

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



16734589



16726115



16745817



8418166



12517417

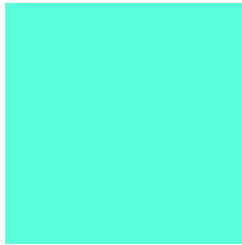


4194318



# Previews

## White Background



This preview shows how the Decimal color 5898203 looks on a white background.

## Color Contrast Check

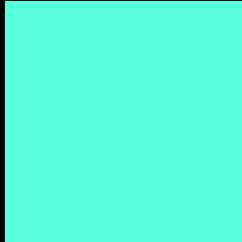
Large Text (above 18pt) WCAG AA × Fail

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 5898203 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 5898203 Background



This preview shows how black text looks on a background with the Decimal color 5898203.

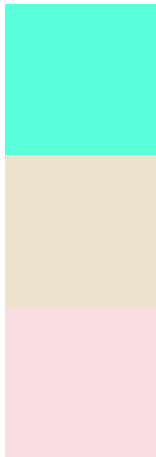


This preview shows how white text looks on a background with the Decimal color 5898203.

# 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**  
5898203

**Protanopia**  
15590348

**Deuteranopia**  
16440547



**Tritanopia**  
10744319

# Trichromacy



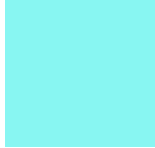
**Original Color**  
5898203



**Protanomaly**  
12053969



**Deuteranomaly**  
12577248

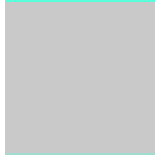


**Tritanomaly**  
8976114

# Monochromacy



**Original Color**  
5898203



**Achromatopsia**  
13224393



**Achromatomaly**  
10542544

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5898203 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 #59FFDB looks like.

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

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 #59FFDB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 5898203 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
#59FFDB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 5898203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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