

Converting Colors

Decimal(5874893)

Have a look what the booklet for
Decimal(5874893) contains.

Decimal(5874893)	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(5874893)

Conversions

Conversions Part 1

Format	Color
Hex	59A4CD
RGB	89, 164, 205
RGB Percent	35%, 64%, 80%
CMY	0.6510, 0.3569, 0.1961
CMYK	0.57, 0.20, 0.00, 0.20
HSL	201°, 54%, 58%
HSV	201°, 57%, 80%
XYZ	28.4147, 33.0825, 62.6456
YIQ	146.2490, -57.8610, -3.1490

Conversions

Conversions Part 2

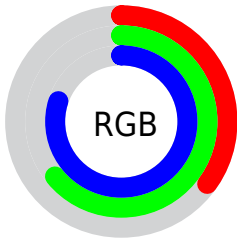
Format	Color
RYB	89, 135, 205
Decimal	5874893
CIELab	64.23, -11.48, -28.02
CIElCh	64, 30.281, 247.718
Yxy	33.0825, 0.2289, 0.2665
Android (android.graphics.Color)	4284064973 (0xFF59A4CD)
YUV	146.2490, 28.9642, -50.2074
Hunter-Lab	57.5174, -12.4730, -24.3140

Details

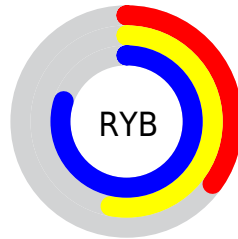
The Decimal color **5874893** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **13468249**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **9690111**, and **1142935** is the 20% darker color. If you saturate the color by 10%, you get **4562381**, and if you desaturate by 10%, it is **7252941**.

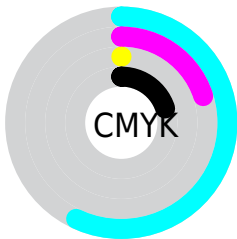
Distribution



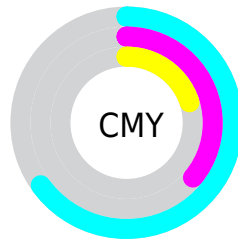
- Red (35%)
- Green (64%)
- Blue (80%)



- Red (35%)
- Yellow (53%)
- Blue (80%)



- Cyan (57%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5874893 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 5874893 by changing the saturation by 10% instead.

■ 5874893

■ 5874893

16777215

■ 3836593

■ 9690111

■ 1142935

■ 11597823

■ 22653

■ 13500415

■ 16740

■ 15466495

■ 11083

■ 5940

■ 543

■ 2

■ 0

■ 5874893

■ 5874893

■ 4562381

■ 7252941

■ 3184333

■ 8565453

■ 1806029

■ 9943757

■ 493517

■ 11256269

■ 34253

■ 12634317

■ 13946829

■ 15325133

■ 16637645

■ 16770509

Harmonies

Analogous

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



4237756



5874893



8559825

Triad

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



5874893



13731734



9086064

Complementary

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



5874893



13468249

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.



10984550



5874893



13536124

Square

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



5874893



12880561



12620650



6990214

Rectangle

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



5874893



10261963



12620650



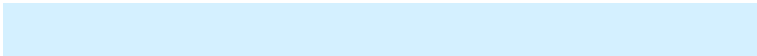
9740907

Sweetspot

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



5874893



13955327



5885314



6715008



0



8421504

Same Dimension

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



5874893



5423871



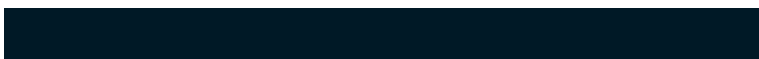
5860045



6054502



27558



6438

Inverse Universe

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



13457828



16732866



13483097



6708322



10879083



2490393

Previews

White Background



This preview shows how the Decimal color 5874893 looks on a white background.

Color Contrast Check

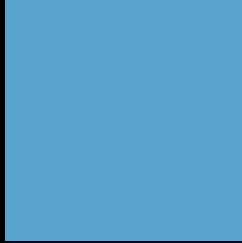
Large Text (above 18pt) WCAG AA × Fail

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 5874893 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 5874893 Background



This preview shows how black text looks on a background with the Decimal color 5874893.



This preview shows how white text looks on a background with the Decimal color 5874893.

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
5286070

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5874893 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 #59A4CD looks like.

```
.text, #text, p{  
    color:#59A4CD  
}
```

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 #59A4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A4CD
}
```

Border

The CSS property to change the border of an element to Decimal 5874893 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
#59A4CD }
```

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

```
.border{ border-color:#59A4CD }
```

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

Here you see how a box with a 4 pixel #59A4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A4CD; -webkit-box-shadow:4px 4px  
4px 4px #59A4CD; box-shadow:4px 4px 4px  
4px #59A4CD }
```

Background

The CSS property to change the background color of an element to Decimal 5874893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A4CD }
```

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

```
.background{ background-color:#59A4CD }
```

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