

Converting Colors

Decimal(5871822)

Have a look what the booklet for
Decimal(5871822) contains.

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Color

Decimal(5871822)

Conversions

Conversions Part 1

Format	Color
Hex	5998CE
RGB	89, 152, 206
RGB Percent	35%, 60%, 81%
CMY	0.6510, 0.4039, 0.1922
CMYK	0.57, 0.26, 0.00, 0.19
HSL	208°, 54%, 58%
HSV	208°, 57%, 81%
XYZ	26.4886, 29.0366, 62.6010
YIQ	139.3190, -54.8820, 3.4380

Conversions

Conversions Part 2

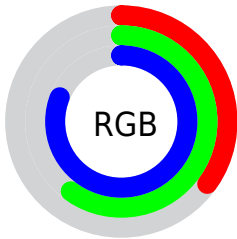
Format	Color
R_{YB}	89, 130, 206
Decimal	5871822
CIE _{Lab}	60.81, -4.50, -33.87
CIE _{LCh}	61, 34.164, 262.434
Yxy	29.0366, 0.2242, 0.2458
Android (android.graphics.Color)	4284061902 (0xFF5998CE)
YUV	139.3190, 32.8737, -44.1298
Hunter-Lab	53.8856, -6.5542, -31.1597

Details

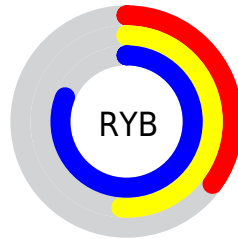
The Decimal color **5871822** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13537113**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **9686783**, and **1205655** is the 20% darker color. If you saturate the color by 10%, you get **4493006**, and if you desaturate by 10%, it is **7250638**.

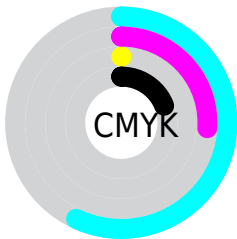
Distribution



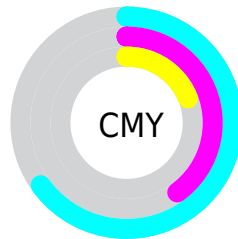
- Red (35%)
- Green (60%)
- Blue (81%)



- Red (35%)
- Yellow (51%)
- Blue (81%)



- Cyan (57%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5871822 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 5871822 by changing the saturation by 10% instead.

■ 5871822

■ 5871822

16777215

■ 3833522

■ 9686783

■ 1205655

■ 11594495

■ 20093

■ 13500415

■ 14180

■ 15400959

■ 8780

■ 2613

■ 543

■ 2

■ 0

■ 5871822

■ 5871822

■ 4493006

■ 7250638

■ 3179982

■ 8563662

■ 1801166

■ 9942478

■ 488142

■ 11255502

■ 28622

■ 12634318

■ 14012878

■ 15326158

■ 16704718

■ 16772814

Harmonies

Analogous

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



2138050



5871822



9146058

Triad

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



5871822



13466749



7184237

Complementary

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



5871822



13537113

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.



9476186



5871822



12813412

Square

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



5871822



13139100



11374167



4498058

Rectangle

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



5871822



10913471



11374167



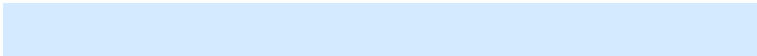
7970149

Sweetspot

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



5871822



13954047



5885582



6714496



0



8421504

Same Dimension

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



5871822



5419007



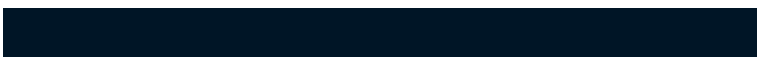
5857230



6054246



22950



5414

Inverse Universe

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



13523352



16732847



13551705



6708321



10879065



2490389

Previews

White Background



This preview shows how the Decimal color 5871822 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5871822 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 × Fail

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

Decimal 5871822 Background



This preview shows how black text looks on a background with the Decimal color 5871822.

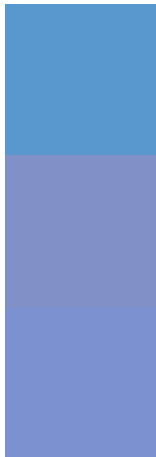


This preview shows how white text looks on a background with the Decimal color 5871822.

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

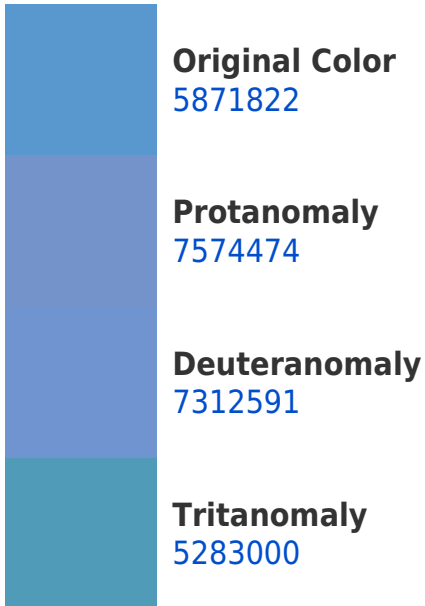


Original Color
5871822

Protanopia
8556744

Deuteranopia
8098256

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5871822 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 #5998CE looks like.

```
.text, #text, p{  
    color:#5998CE  
}
```

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 #5998CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5998CE
}
```

Border

The CSS property to change the border of an element to Decimal 5871822 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
#5998CE }
```

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

```
.border{ border-color:#5998CE }
```

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

Here you see how a box with a 4 pixel #5998CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5998CE; -webkit-box-shadow:4px 4px  
4px 4px #5998CE; box-shadow:4px 4px 4px  
4px #5998CE }
```

Background

The CSS property to change the background color of an element to Decimal 5871822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5998CE }
```

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

```
.background{ background-color:#5998CE }
```

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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