

Converting Colors

Decimal(5801899)

Have a look what the booklet for
Decimal(5801899) contains.

Decimal(5801899)	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(5801899)

Conversions

Conversions Part 1

Format	Color
Hex	5887AB
RGB	88, 135, 171
RGB Percent	35%, 53%, 67%
CMY	0.6549, 0.4706, 0.3294
CMYK	0.49, 0.21, 0.00, 0.33
HSL	206°, 33%, 51%
HSV	206°, 49%, 67%
XYZ	20.0392, 22.3429, 41.7845
YIQ	125.0510, -39.5680, 1.2320

Conversions

Conversions Part 2

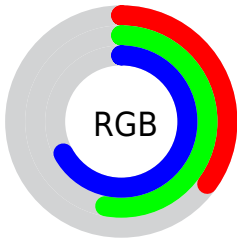
Format	Color
R _Y B	88, 118, 171
Decimal	5801899
CIE Lab	54.39, -5.81, -23.98
CIE LCh	54, 24.673, 256.376
Yxy	22.3429, 0.2381, 0.2655
Android (android.graphics.Color)	4283991979 (0xFF5887AB)
YUV	125.0510, 22.6529, -32.4937
Hunter-Lab	47.2683, -7.0454, -19.3237

Details

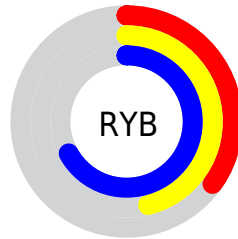
The Decimal color **5801899** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11238488**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **9354466**, and **2119031** is the 20% darker color. If you saturate the color by 10%, you get **4685995**, and if you desaturate by 10%, it is **6917803**.

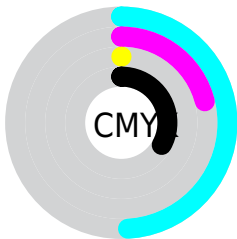
Distribution



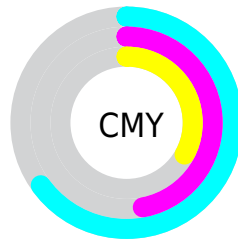
- Red (35%)
- Green (53%)
- Blue (67%)



- Red (35%)
- Yellow (46%)
- Blue (67%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5801899 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 5801899 by changing the saturation by 10% instead.

■ 5801899

■ 5801899

16777215

■ 4026000

■ 9354466

■ 2119031

■ 11196671

■ 15966

■ 13038847

■ 10566

■ 14942207

■ 5167

■ 282

■ 0

■ 5801899

■ 5801899

■ 4685995

■ 6917803

■ 3569835

■ 8033963

■ 2453931

■ 9149867

■ 1337771

■ 10266027

■ 221867

■ 11381931

■ 25003

■ 12563627

■ 13679531

■ 14795435

■ 15911595

Harmonies

Analogous

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



4295840



5801899



7831723

Triad

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



5801899



11367031



7178852

Complementary

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



5801899



11238488

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.



8750169



5801899



11040612

Square

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



5801899



10908557



10124633



5541239

Rectangle

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



5801899



9141156



10124633



7702623

Sweetspot

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



5801899



12439518



5811068



6055792



15790320



7368816

Same Dimension

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



5801899



6137566



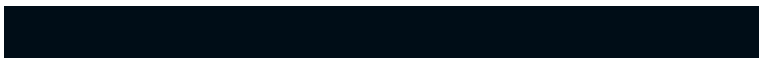
5791403



5133143



21910



3351

Inverse Universe

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



11229319



14572966



11248984



5721683



9830485



1507341

Previews

White Background



This preview shows how the Decimal color 5801899 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 5801899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

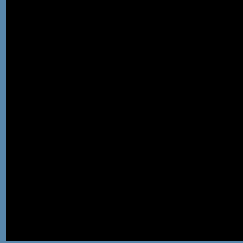
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

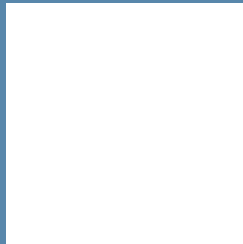
Any Text WCAG AAA × Fail

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

Decimal 5801899 Background



This preview shows how black text looks on a background with the Decimal color 5801899.

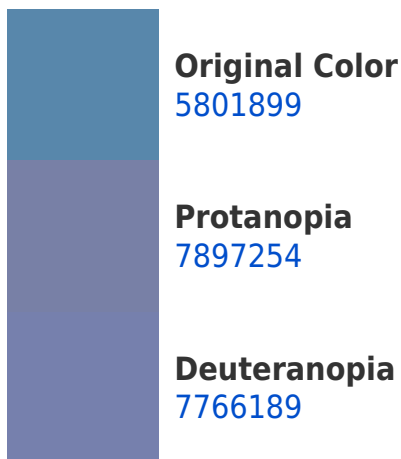


This preview shows how white text looks on a background with the Decimal color 5801899.

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](#).

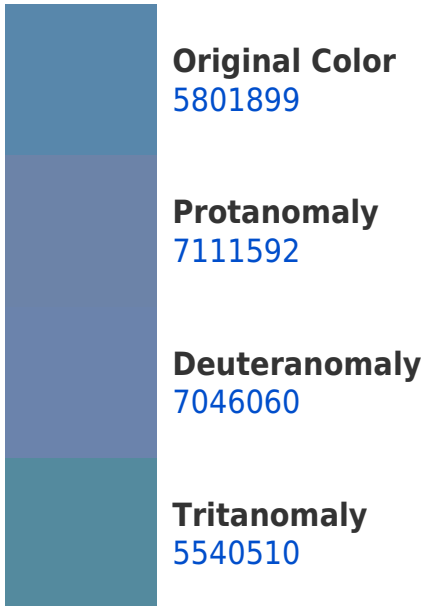
Dichromacy





Tritanopia
5344150

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5801899 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 #5887AB looks like.

```
.text, #text, p{  
    color:#5887AB  
}
```

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 #5887AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5887AB
}
```

Border

The CSS property to change the border of an element to Decimal 5801899 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
#5887AB }
```

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

```
.border{ border-color:#5887AB }
```

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

Here you see how a box with a 4 pixel #5887AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5887AB; -webkit-box-shadow:4px 4px  
4px 4px #5887AB; box-shadow:4px 4px 4px  
4px #5887AB }
```

Background

The CSS property to change the background color of an element to Decimal 5801899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5887AB }
```

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

```
.background{ background-color:#5887AB }
```

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