

Converting Colors

Decimal(5801682)

Have a look what the booklet for
Decimal(5801682) contains.

Decimal(5801682)	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(5801682)

Conversions

Conversions Part 1

Format	Color
Hex	5886D2
RGB	88, 134, 210
RGB Percent	35%, 53%, 82%
CMY	0.6549, 0.4745, 0.1765
CMYK	0.58, 0.36, 0.00, 0.18
HSL	217°, 58%, 58%
HSV	217°, 58%, 82%
XYZ	24.1825, 23.7780, 64.2878
YIQ	128.9100, -51.8120, 13.8840

Conversions

Conversions Part 2

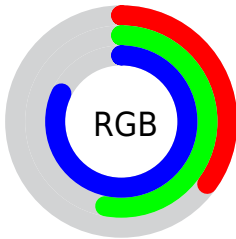
Format	Color
R_{YB}	88, 121, 210
Decimal	5801682
CIE Lab	55.86, 7.07, -43.88
CIE LCh	56, 44.445, 279.148
Yxy	23.7780, 0.2154, 0.2118
Android (android.graphics.Color)	4283991762 (0xFF5886D2)
YUV	128.9100, 39.9774, -35.8781
Hunter-Lab	48.7627, 3.1871, -44.0329

Details

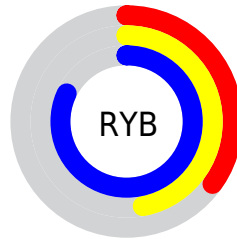
The Decimal color **5801682** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **13804632**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **9616383**, and **873883** is the 20% darker color. If you saturate the color by 10%, you get **4422098**, and if you desaturate by 10%, it is **7181266**.

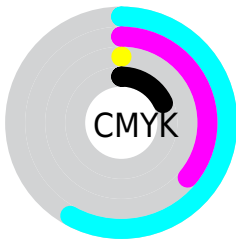
Distribution



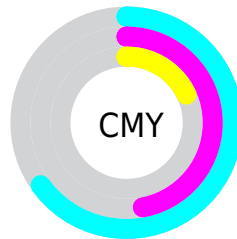
- Red (35%)
- Green (53%)
- Blue (82%)



- Red (35%)
- Yellow (47%)
- Blue (82%)



- Cyan (58%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)



- Cyan (65%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5801682 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 5801682 by changing the saturation by 10% instead.

■ 5801682

■ 5801682

16777215

■ 3763638

■ 9616383

■ 873883

■ 11523839

■ 16001

■ 13431807

■ 10599

■ 15400959

■ 5455

■ 1335

■ 545

■ 6

■ 0

■ 5801682

■ 5801682

■ 4422098

■ 7181266

■ 3042514

■ 8560850

■ 1662930

■ 9940434

■ 283346

■ 11320018

■ 20434

■ 12699602

■ 14079186

■ 15459026

■ 16773074

■ 16776402

Harmonies

Analogous

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



37325



5801682



9992130

Triad

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



5801682



13134935



2856809

Complementary

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



5801682



13804632

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.



6787655



5801682



11696701

Square

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



5801682



13526395



9537590



39313

Rectangle

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



5801682



11824558



9537590



4494941

Sweetspot

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



5801682



13952255



5821091



6713472



0



8421504

Same Dimension

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



5801682



5083391



6707410



6185577



16296



3881

Inverse Universe

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



13785222



16731536



12898904



6905442



11010111



2686991

Previews

White Background



This preview shows how the Decimal color 5801682 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 5801682 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 5801682 Background



This preview shows how black text looks on a background with the Decimal color 5801682.




This preview shows how white text looks on a background with the Decimal color 5801682.

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](#).

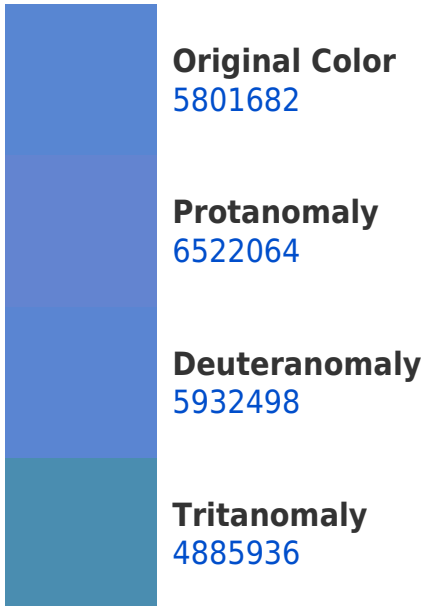
Dichromacy



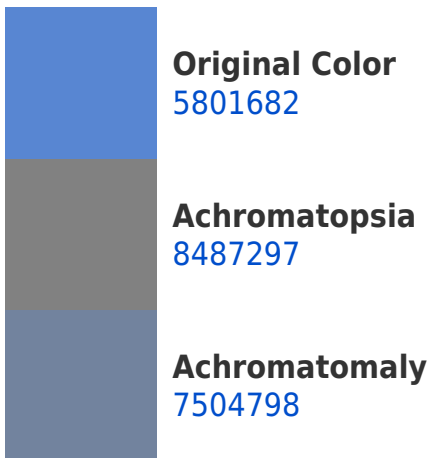


Tritanopia
4362653

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5801682 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 #5886D2 looks like.

```
.text, #text, p{  
    color:#5886D2  
}
```

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 #5886D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5886D2
}
```

Border

The CSS property to change the border of an element to Decimal 5801682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

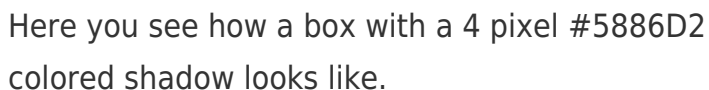
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5886D2 }
```

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

```
.border{ border-color:#5886D2 }
```

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



Here you see how a box with a 4 pixel #5886D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5886D2; -webkit-box-shadow:4px 4px  
4px 4px #5886D2; box-shadow:4px 4px 4px  
4px #5886D2 }
```

Background

The CSS property to change the background color of an element to Decimal 5801682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5886D2 }
```

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

```
.background{ background-color:#5886D2 }
```

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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