

Converting Colors

Decimal(5800871)

Have a look what the booklet for
Decimal(5800871) contains.

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Color

Decimal(5800871)

Conversions

Conversions Part 1

Format	Color
Hex	5883A7
RGB	88, 131, 167
RGB Percent	35%, 51%, 65%
CMY	0.6549, 0.4863, 0.3451
CMYK	0.47, 0.22, 0.00, 0.35
HSL	207°, 31%, 50%
HSV	207°, 47%, 65%
XYZ	19.1159, 21.0973, 39.6239
YIQ	122.2470, -37.1840, 2.0800

Conversions

Conversions Part 2

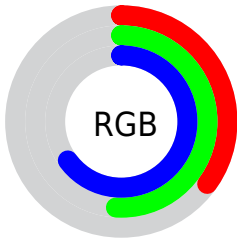
Format	Color
R_{YB}	88, 116, 167
Decimal	5800871
CIE _{Lab}	53.06, -4.71, -23.73
CIE _{LCh}	53, 24.190, 258.777
Yxy	21.0973, 0.2394, 0.2643
Android (android.graphics.Color)	4283990951 (0xFF5883A7)
YUV	122.2470, 22.0632, -30.0346
Hunter-Lab	45.9318, -6.0928, -18.9953

Details

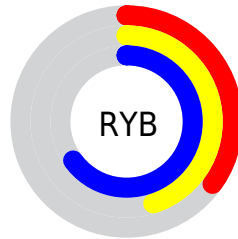
The Decimal color **5800871** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10976344**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9353438**, and **2183795** is the 20% darker color. If you saturate the color by 10%, you get **4684711**, and if you desaturate by 10%, it is **6917031**.

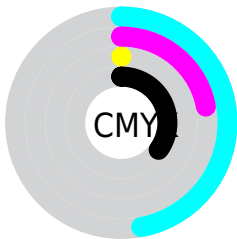
Distribution



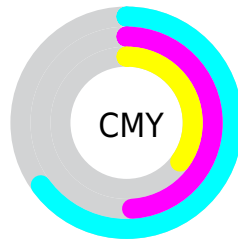
- Red (35%)
- Green (51%)
- Blue (65%)



- Red (35%)
- Yellow (45%)
- Blue (65%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5800871 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 5800871 by changing the saturation by 10% instead.

■ 5800871

■ 5800871

16777215

■ 4024973

■ 9353438

■ 2183795

■ 11130107

■ 15194

■ 13037823

■ 9539

■ 14876671

■ 4140

■ 279

■ 0

■ 5800871

■ 5800871

■ 4684711

■ 6917031

■ 3634343

■ 7967399

■ 2518183

■ 9083559

■ 1402279

■ 10199463

■ 351655

■ 11250087

■ 23463

■ 12366247

■ 13482151

■ 14598311

■ 15648679

Harmonies

Analogous

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



4229277



5800871



7830694

Triad

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



5800871



11038834



6850403

Complementary

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



5800871



10976344

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.



8421719



5800871



10712160

Square

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



5800871



10711175



9730902



5278326

Rectangle

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



5800871



9009055



9730902



7374174

Sweetspot

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



5800871



12241881



5810044



5989742



15592941



7237230

Same Dimension

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



5800871



6136025



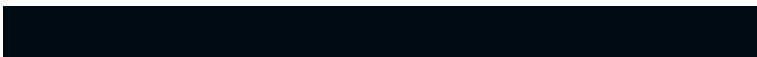
5790887



5001300



20884



2836

Inverse Universe

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



10967171



14245280



10986328



5524560



9699409



1310731

Previews

White Background



This preview shows how the Decimal color 5800871 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 5800871 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 5800871 Background



This preview shows how black text looks on a background with the Decimal color 5800871.



This preview shows how white text looks on a background with the Decimal color 5800871.

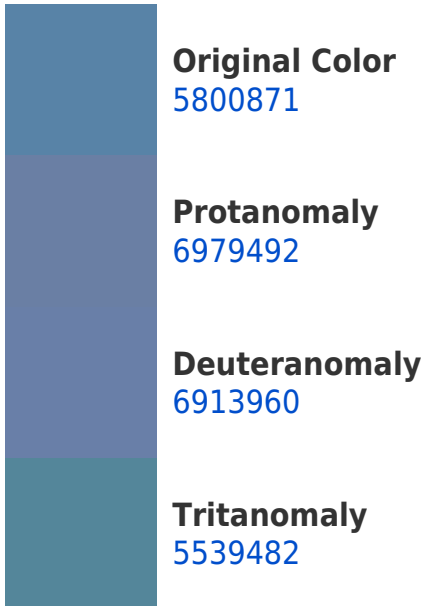
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5800871 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 #5883A7 looks like.

```
.text, #text, p{  
  color:#5883A7  
}
```

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 #5883A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5883A7
}
```

Border

The CSS property to change the border of an element to Decimal 5800871 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
#5883A7 }
```

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

```
.border{ border-color:#5883A7 }
```

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

Here you see how a box with a 4 pixel #5883A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5883A7; -webkit-box-shadow:4px 4px  
4px 4px #5883A7; box-shadow:4px 4px 4px  
4px #5883A7 }
```

Background

The CSS property to change the background color of an element to Decimal 5800871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5883A7 }
```

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

```
.background{ background-color:#5883A7 }
```

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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