

Converting Colors

Decimal(5818074)

Have a look what the booklet for
Decimal(5818074) contains.

Decimal(5818074)	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(5818074)

Conversions

Conversions Part 1

Format	Color
Hex	58C6DA
RGB	88, 198, 218
RGB Percent	35%, 78%, 85%
CMY	0.6549, 0.2235, 0.1451
CMYK	0.60, 0.09, 0.00, 0.15
HSL	189°, 64%, 60%
HSV	189°, 60%, 85%
XYZ	36.8735, 47.5248, 73.5594
YIQ	167.3900, -71.9800, -17.1000

Conversions

Conversions Part 2

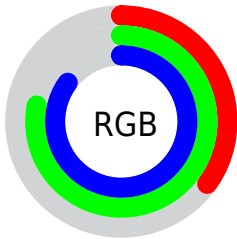
Format	Color
RYB	88, 148, 218
Decimal	5818074
CIELab	74.52, -25.52, -19.42
CIElCh	75, 32.070, 217.258
Yxy	47.5248, 0.2334, 0.3009
Android (android.graphics.Color)	4284008154 (0xFF58C6DA)
YUV	167.3900, 24.9507, -69.6250
Hunter-Lab	68.9383, -25.1664, -15.0076

Details

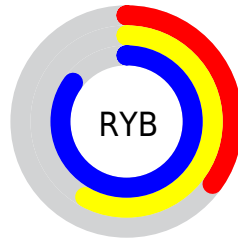
The Decimal color **5818074** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14314584**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9830399**, and **37027** is the 20% darker color. If you saturate the color by 10%, you get **4375514**, and if you desaturate by 10%, it is **7260634**.

Distribution



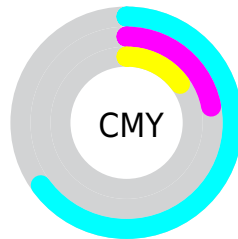
- Red (35%)
- Green (78%)
- Blue (85%)



- Red (35%)
- Yellow (58%)
- Blue (85%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)

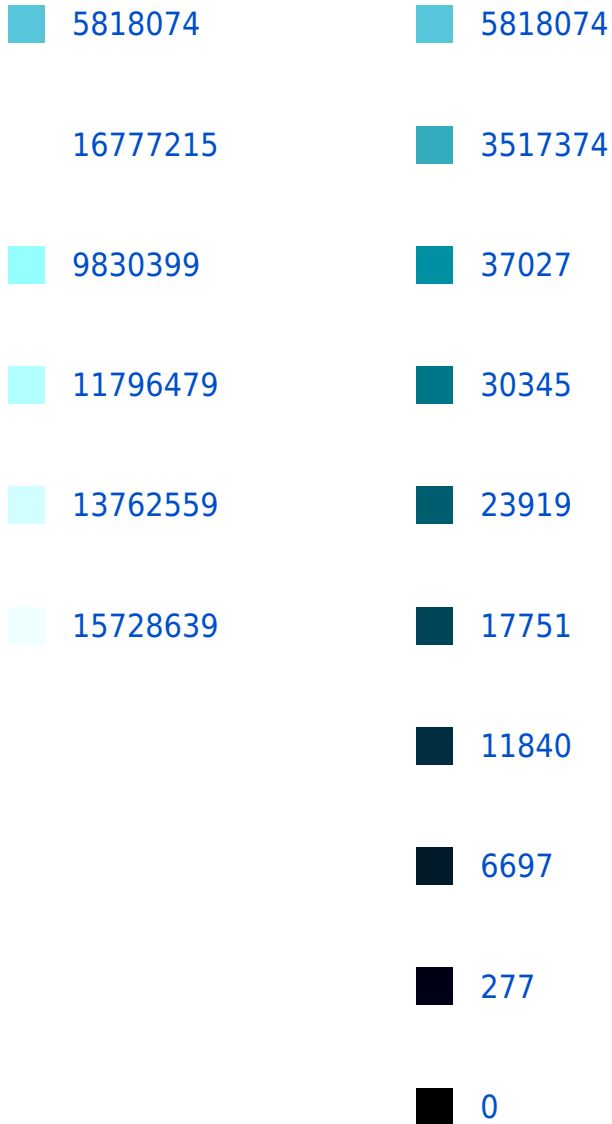


- Cyan (65%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5818074 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 5818074 by changing the saturation by 10% instead.



■ 5818074

■ 5818074

■ 4375514

■ 7260634

■ 2932698

■ 8703450

■ 1555674

■ 10080474

■ 113114

■ 11523034

■ 47322

■ 12965850

■ 14408410

■ 15850970

■ 16769498

■ 16770266

Harmonies

Analogous

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



6539454



5818074



7455213

Triad

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



5818074



14918863



12957821

Complementary

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



5818074



14314584

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.



14659202



5818074



15835569

Square

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



5818074



12955110



15705493



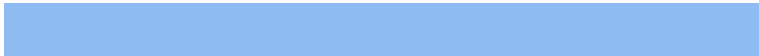
10862728

Rectangle

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



5818074



9288690



15705493



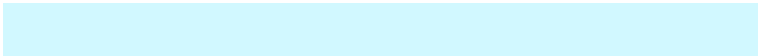
13612412

Sweetspot

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



5818074



13760767



5823083



6519680



0



8421504

Same Dimension

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



5818074



4711423



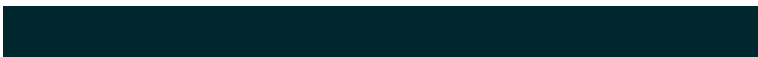
5801690



6515822



37805



10030

Inverse Universe

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



14309574



16730083



14331224



7234412



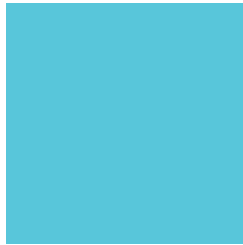
11337875



3014695

Previews

White Background



This preview shows how the Decimal color 5818074 looks on a white background.

Color Contrast Check

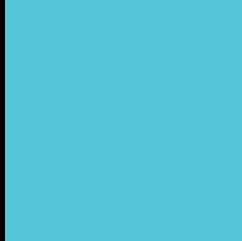
Large Text (above 18pt) WCAG AA × Fail

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 5818074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

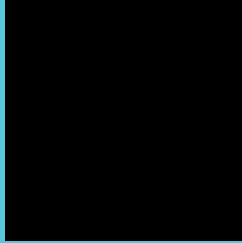
Any Text WCAG AA ✓ Pass

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 5818074 Background



This preview shows how black text looks on a background with the Decimal color 5818074.



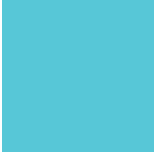
This preview shows how white text looks on a background with the Decimal color 5818074.

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
5752791

Trichromacy



Original Color
5818074



Protanomaly
9550803



Deuteranomaly
9681373

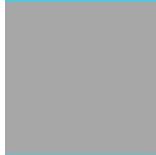


Tritanomaly
5752792

Monochromacy



Original Color
5818074



Achromatopsia
10987431



Achromatomaly
9089722

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5818074 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 #58C6DA looks like.

```
.text, #text, p{  
    color:#58C6DA  
}
```

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 #58C6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58C6DA
}
```

Border

The CSS property to change the border of an element to Decimal 5818074 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
#58C6DA }
```

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

```
.border{ border-color:#58C6DA }
```

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

Here you see how a box with a 4 pixel #58C6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58C6DA; -webkit-box-shadow:4px 4px  
4px 4px #58C6DA; box-shadow:4px 4px 4px  
4px #58C6DA }
```

Background

The CSS property to change the background color of an element to Decimal 5818074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58C6DA }
```

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

```
.background{ background-color:#58C6DA }
```

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