

Converting Colors

Decimal(5818084)

Have a look what the booklet for
Decimal(5818084) contains.

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Color

Decimal(5818084)

Conversions

Conversions Part 1

Format	Color
Hex	58C6E4
RGB	88, 198, 228
RGB Percent	35%, 78%, 89%
CMY	0.6549, 0.2235, 0.1059
CMYK	0.61, 0.13, 0.00, 0.11
HSL	193°, 72%, 62%
HSV	193°, 61%, 89%
XYZ	38.2222, 48.0643, 80.6616
YIQ	168.5300, -75.1900, -13.9900

Conversions

Conversions Part 2

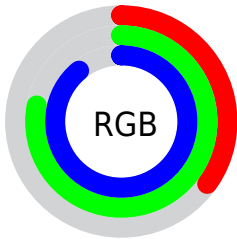
Format	Color
RYB	88, 150, 228
Decimal	5818084
CIELab	74.87, -22.60, -24.30
CIELCh	75, 33.188, 227.075
Yxy	48.0643, 0.2289, 0.2879
Android (android.graphics.Color)	4284008164 (0xFF58C6E4)
YUV	168.5300, 29.3187, -70.6248
Hunter-Lab	69.3284, -22.9141, -20.4523

Details

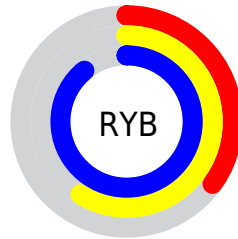
The Decimal color **5818084** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **14972504**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **9895935**, and **37037** is the 20% darker color. If you saturate the color by 10%, you get **4309476**, and if you desaturate by 10%, it is **7326692**.

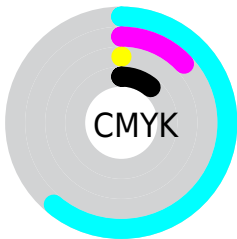
Distribution



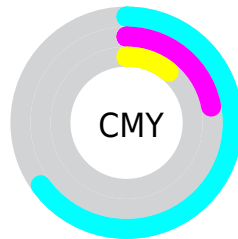
- Red (35%)
- Green (78%)
- Blue (89%)



- Red (35%)
- Yellow (59%)
- Blue (89%)



- Cyan (61%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)

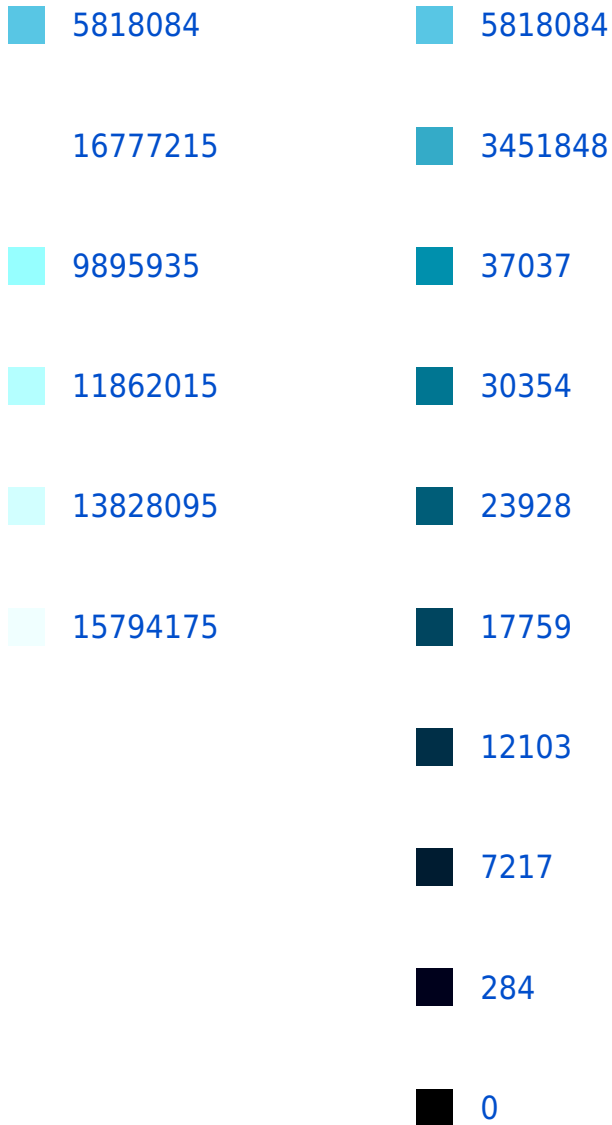


- Cyan (65%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5818084 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 5818084 by changing the saturation by 10% instead.



■ 5818084

■ 5818084

■ 4309476

■ 7326692

■ 2800868

■ 8835300

■ 1357796

■ 10278372

■ 46052

■ 11786980

■ 13295332

■ 14803940

■ 16312548

■ 16772580

■ 16773860

Harmonies

Analogous

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



5818825



5818084



8175603

Triad

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



5818084



15508423



12369021

Complementary

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



5818084



14972504

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.



14267005



5818084



16097960

Square

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



5818084



13806306



15640717



10077326

Rectangle

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



5818084



10205684



15640717



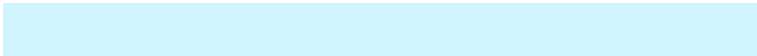
13023611

Sweetspot

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



5818084



13759999



5825652



6519168



0



8421504

Same Dimension

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



5818084



4380671



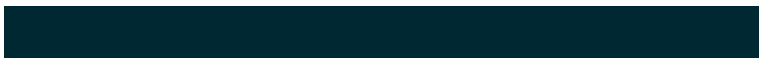
5800676



6778995



36019



10291

Inverse Universe

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



14964934



16728791



14989912



7563120



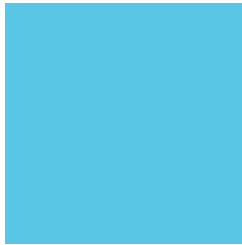
11731084



3342376

Previews

White Background



This preview shows how the Decimal color 5818084 looks on a white background.

Color Contrast Check

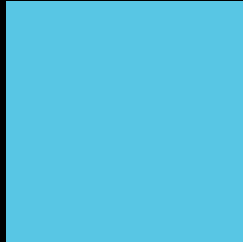
Large Text (above 18pt) WCAG AA × Fail

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 5818084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

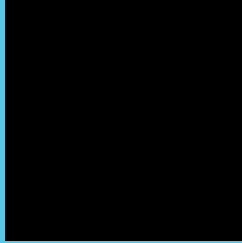
Any Text WCAG AA ✓ Pass

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 5818084 Background



This preview shows how black text looks on a background with the Decimal color 5818084.

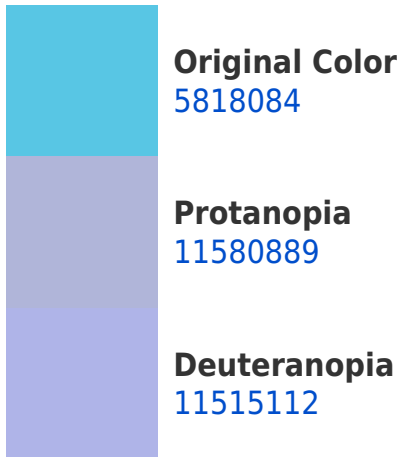


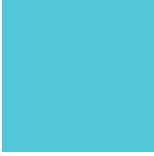
This preview shows how white text looks on a background with the Decimal color 5818084.

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
5490904

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5818084 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 #58C6E4 looks like.

```
.text, #text, p{  
    color:#58C6E4  
}
```

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 #58C6E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58C6E4
}
```

Border

The CSS property to change the border of an element to Decimal 5818084 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
#58C6E4 }
```

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

```
.border{ border-color:#58C6E4 }
```

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

Here you see how a box with a 4 pixel #58C6E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58C6E4; -webkit-box-shadow:4px 4px  
4px 4px #58C6E4; box-shadow:4px 4px 4px  
4px #58C6E4 }
```

Background

The CSS property to change the background color of an element to Decimal 5818084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58C6E4 }
```

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

```
.background{ background-color:#58C6E4 }
```

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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