

Converting Colors

Android(4284008933)

Have a look what the booklet for
Android(4284008933) contains.

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Color

Android(4284008933)

Conversions

Conversions Part 1

Format	Color
Hex	58C9E5
RGB	88, 201, 229
RGB Percent	35%, 79%, 90%
CMY	0.6549, 0.2118, 0.1020
CMYK	0.62, 0.12, 0.00, 0.10
HSL	192°, 73%, 62%
HSV	192°, 62%, 90%
XYZ	39.0540, 49.5051, 81.6258
YIQ	170.4050, -76.3360, -15.2480

Conversions

Conversions Part 2

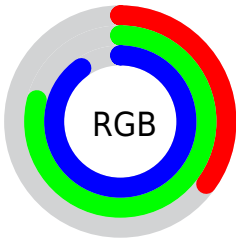
Format	Color
R _Y B	88, 151, 229
Decimal	5818853
CIE Lab	75.76, -23.82, -23.47
CIE LCh	76, 33.440, 224.577
Yxy	49.5051, 0.2295, 0.2909
Android (android.graphics.Color)	4284008933 (0xFF58C9E5)
YUV	170.4050, 28.8873, -72.2692
Hunter-Lab	70.3599, -24.0515, -19.5315

Details

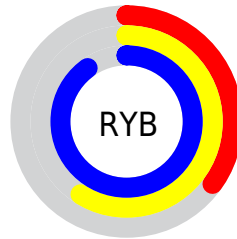
The Android color `4284008933` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4293227608`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4288086015`, and `4278227885` is the 20% darker color. If you saturate the color by 10%, you get `4282500325`, and if you desaturate by 10%, it is `4285517541`.

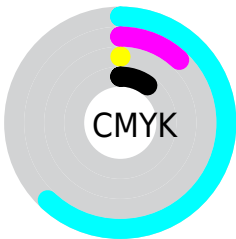
Distribution



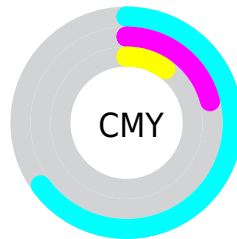
- Red (35%)
- Green (79%)
- Blue (90%)



- Red (35%)
- Yellow (59%)
- Blue (90%)



- Cyan (62%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (65%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284008933 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 Android color 4284008933 by changing the saturation by 10% instead.



4284008933



4284008933

4294967295



4281642697



4288086015



4278227885



4290052095



4278221203



4292083711



4278214777



4294049791



4278208608



4278202696



4278197810



4278190621



4278190080

■ 4284008933

■ 4284008933

■ 4282500325

■ 4285517541

■ 4280991973

■ 4287025893

■ 4279483365

■ 4288534501

■ 4278237413

■ 4290042853

■ 4291551461

■ 4292994277

■ 4294502885

■ 4294962661

■ 4294963941

Harmonies

Analogous

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



4284206281



4284008933



4286235381

Triad

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



4284008933



4293830092



4290887294

Complementary

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



4284008933



4293227608

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.



4292785024



4284008933



4294485165

Square

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



4284008933



4291997415



4294093201



4288595598

Rectangle

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



4284008933



4288265464



4294093201



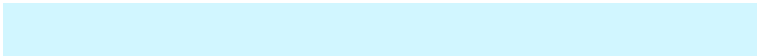
4291607165

Sweetspot

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



4284008933



4291950335



4284015986



4284709504



4278190080



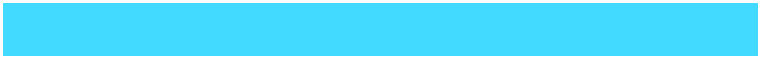
4286611584

Same Dimension

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



4284008933



4282571519



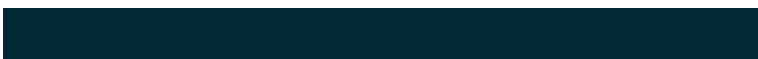
4283991525



4284969075



4278226867



4278200627

Inverse Universe

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



4293220553



4294918874



4293245016



4285753200



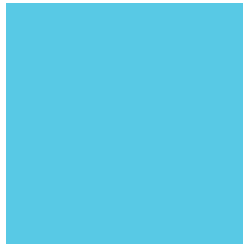
4289921167



4281532457

Previews

White Background



This preview shows how the Android color 4284008933 looks on a white background.

Color Contrast Check

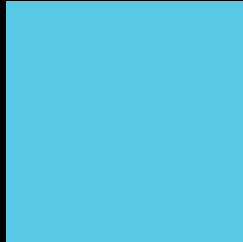
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284008933 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](#).

Android 4284008933 Background



This preview shows how black text looks on a background with the Android color 4284008933.



This preview shows how white text looks on a background with the Android color 4284008933.

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](#).

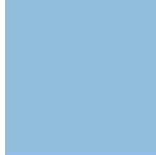
Dichromacy



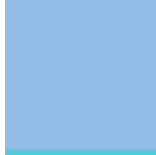
Trichromacy



Original Color
4284008933



Protanomaly
4287807197



Deuteranomaly
4287806952

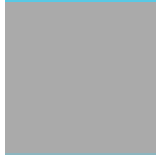


Tritanomaly
4283812575

Monochromacy



Original Color
4284008933



Achromatopsia
4289374890



Achromatomaly
4287411647

CSS Examples

Text

The CSS property to change the color of the text to Android 4284008933 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 `rgb(88, 201, 229)` looks like.

```
.text, #text, p{  
    color:rgb(88, 201, 229)  
}
```

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 rgb(88, 201, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 201, 229) }
```

Border

The CSS property to change the border of an element to Android 4284008933 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 rgb(88, 201, 229) }
```

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

```
.border{ border-color:rgb(88, 201, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 201, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 201, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 201, 229);  
box-shadow:4px 4px 4px 4px rgb(88, 201,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4284008933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 201, 229) }
```

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

```
.background{ background-color: rgb(88, 201,  
229) }
```

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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