

Converting Colors

Android(4283880189)

Have a look what the booklet for
Android(4283880189) contains.

Android(4283880189)	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

Android(4283880189)

Conversions

Conversions Part 1

Format	Color
Hex	56D2FD
RGB	86, 210, 253
RGB Percent	34%, 82%, 99%
CMY	0.6627, 0.1765, 0.0078
CMYK	0.66, 0.17, 0.00, 0.01
HSL	195°, 98%, 66%
HSV	195°, 66%, 99%
XYZ	44.6140, 55.1635, 101.2247
YIQ	177.8260, -87.7070, -12.9150

Conversions

Conversions Part 2

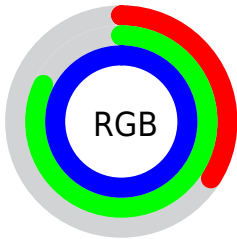
Format	Color
RYB	86, 157, 253
Decimal	5690109
CIELab	79.14, -21.49, -31.17
CIELCh	79, 37.858, 235.421
Yxy	55.1635, 0.2220, 0.2744
Android (android.graphics.Color)	4283880189 (0xFF56D2FD)
YUV	177.8260, 37.0608, -80.5314
Hunter-Lab	74.2721, -22.7544, -28.8153

Details

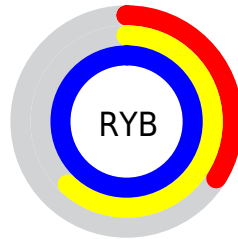
The Android color `4283880189` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294803798`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4288217087`, and `4278229956` is the 20% darker color. If you saturate the color by 10%, you get `4282239997`, and if you desaturate by 10%, it is `4285520381`.

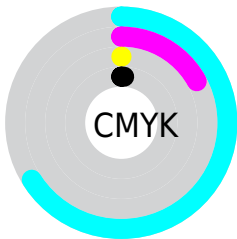
Distribution



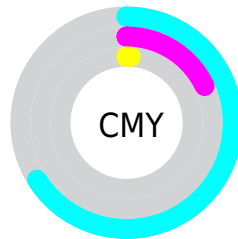
- Red (34%)
- Green (82%)
- Blue (99%)



- Red (34%)
- Yellow (62%)
- Blue (99%)



- Cyan (66%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (66%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283880189 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 4283880189 by changing the saturation by 10% instead.

 4283880189

 4283880189

4294967295

 4281186016

 4288217087

 4278229956

 4290248703

 4278223273

 4292280319

 4278216846

 4294311935

 4278210677

 4278204764

 4278199108

 4278190894

 4278190360

■ 4283880189

■ 4283880189

■ 4282239997

■ 4285520381

■ 4280534525

■ 4287225853

■ 4278894333

■ 4288866045

■ 4278238461

■ 4290505981

■ 4292211709

■ 4293851645

4294967293

Harmonies

Analogous

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



4282898401



4283880189



4287351295

Triad

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



4283880189



4294945483



4290628483

Complementary

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



4283880189



4294803798

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.



4292984958



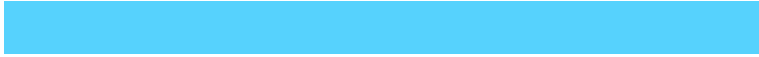
4283880189



4294945703

Square

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



4283880189



4293702124



4294751371



4287943579

Rectangle

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



4283880189



4289774079



4294751371



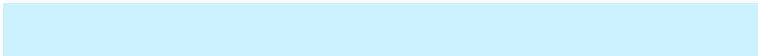
4291479679

Sweetspot

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



4283880189



4291621631



4283891072



4284577920



4278190080



4286611584

Same Dimension

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



4283880189



4281781247



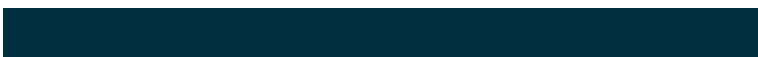
4283859197



4285758592



4278226623



4278202176

Inverse Universe

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



4294792914



4294915787



4294824790



4286608252



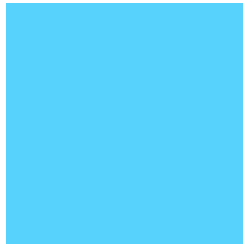
4290707598



4282384431

Previews

White Background



This preview shows how the Android color 4283880189 looks on a white background.

Color Contrast Check

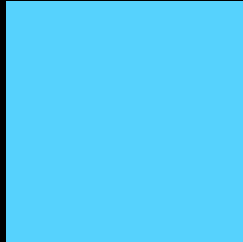
Large Text (above 18pt) WCAG AA × Fail

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 4283880189 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 4283880189 Background



This preview shows how black text looks on a background with the Android color 4283880189.



This preview shows how white text looks on a background with the Android color 4283880189.

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



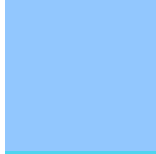
Trichromacy



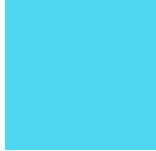
Original Color
4283880189



Protanomaly
4287940597

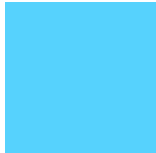


Deuteranomaly
4287809534

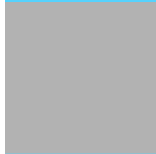


Tritanomaly
4283356655

Monochromacy



Original Color
4283880189



Achromatopsia
4289901234



Achromatomaly
4287741645

CSS Examples

Text

The CSS property to change the color of the text to Android 4283880189 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(86, 210, 253)` looks like.

```
.text, #text, p{  
    color:rgb(86, 210, 253)  
}
```

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(86, 210, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 210, 253) }
```

Border

The CSS property to change the border of an element to Android 4283880189 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(86, 210, 253) }
```

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

```
.border{ border-color:rgb(86, 210, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 210, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 210, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 210, 253);  
box-shadow:4px 4px 4px 4px rgb(86, 210,  
253) }
```

Background

The CSS property to change the background color of an element to Android 4283880189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 210, 253) }
```

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

```
.background{ background-color: rgb(86, 210,  
253) }
```

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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