

Converting Colors

Android(4280398819)

Have a look what the booklet for
Android(4280398819) contains.

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Color

Android(4280398819)

Conversions

Conversions Part 1

Format	Color
Hex	21B3E3
RGB	33, 179, 227
RGB Percent	13%, 70%, 89%
CMY	0.8706, 0.2980, 0.1098
CMYK	0.85, 0.21, 0.00, 0.11
HSL	195°, 78%, 51%
HSV	195°, 85%, 89%
XYZ	30.6124, 38.1096, 78.4155
YIQ	140.8180, -102.4240, -16.0240

Conversions

Conversions Part 2

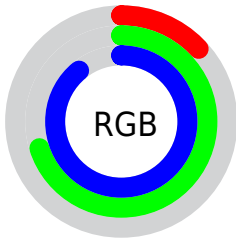
Format	Color
R _Y B	33, 116, 227
Decimal	2208739
CIE Lab	68.10, -19.77, -34.27
CIE LCh	68, 39.564, 240.016
Yxy	38.1096, 0.2081, 0.2590
Android (android.graphics.Color)	4280398819 (0xFF21B3E3)
YUV	140.8180, 42.4877, -94.5564
Hunter-Lab	61.7330, -19.5173, -32.0993

Details

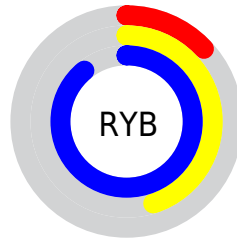
The Android color `4280398819` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed azure. A complement of this color would be `4293087521`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4285787135`, and `4278222507` is the 20% darker color. If you saturate the color by 10%, you get `4278889955`, and if you desaturate by 10%, it is `4281907683`.

Distribution



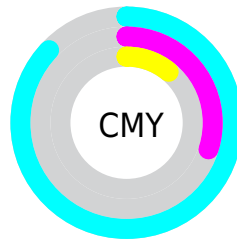
- Red (13%)
- Green (70%)
- Blue (89%)



- Red (13%)
- Yellow (45%)
- Blue (89%)



- Cyan (85%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (87%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280398819 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 4280398819 by changing the saturation by 10% instead.

 4280398819

 4280398819

4294967295

 4278229191

 4285787135

 4278222507

 4287889407

 4278216081

 4289986559

 4278209911

 4292018175

 4278203998

 4294049791

 4278198854

 4278191151

 4278190362

 4278190080

■ 4280398819

■ 4280398819

■ 4278889955

■ 4281907683

■ 4278234083

■ 4283350755

■ 4284859619

■ 4286368227

■ 4287877091

■ 4289320419

■ 4290829027

■ 4292337891

■ 4293781219

Harmonies

Analogous

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



4278237385



4280398819



4285573869

Triad

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



4280398819



4293429927



4288196455

Complementary

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



4280398819



4293087521

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.



4290618462



4280398819



4293561732

Square

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



4280398819



4292055242



4292515689



4285380225

Rectangle

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



4280398819



4288193001



4292515689



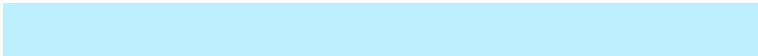
4289047393

Sweetspot

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



4280398819



4290637823



4280410958



4283987584



4278190080



4286611584

Same Dimension

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



4280398819



4278239487



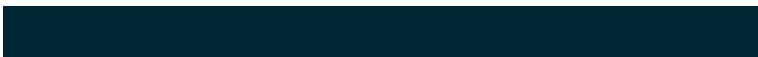
4280374755



4284969075



4278224563



4278199859

Inverse Universe

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



4293075379



4294901952



4293111585



4285753200



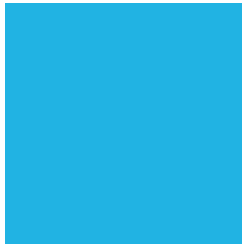
4289921158



4281532454

Previews

White Background



This preview shows how the Android color 4280398819 looks on a white background.

Color Contrast Check

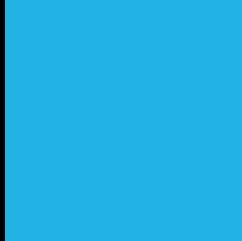
Large Text (above 18pt) WCAG AA × Fail

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 4280398819 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 4280398819 Background



This preview shows how black text looks on a background with the Android color 4280398819.



This preview shows how white text looks on a background with the Android color 4280398819.

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
4280398819



Protanomaly
4285311451



Deuteranomaly
4284918246



Tritanomaly
4279023313

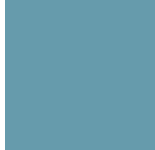
Monochromacy



Original Color
4280398819



Achromatopsia
4287466893



Achromatomaly
4284914604

CSS Examples

Text

The CSS property to change the color of the text to Android 4280398819 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(33, 179, 227)` looks like.

```
.text, #text, p{  
    color:rgb(33, 179, 227)  
}
```

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(33, 179, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 179, 227) }
```

Border

The CSS property to change the border of an element to Android 4280398819 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(33, 179, 227) }
```

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

```
.border{ border-color:rgb(33, 179, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 179, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 179, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 179, 227);  
box-shadow:4px 4px 4px 4px rgb(33, 179,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4280398819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 179, 227) }
```

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

```
.background{ background-color: rgb(33, 179,  
227) }
```

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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