

Converting Colors

Android(4281839818)

Have a look what the booklet for
Android(4281839818) contains.

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Color

Android(4281839818)

Conversions

Conversions Part 1

Format	Color
Hex	37B0CA
RGB	55, 176, 202
RGB Percent	22%, 69%, 79%
CMY	0.7843, 0.3098, 0.2078
CMYK	0.73, 0.13, 0.00, 0.21
HSL	191°, 58%, 50%
HSV	191°, 73%, 79%
XYZ	27.7616, 36.1272, 61.3872
YIQ	142.7850, -80.4620, -17.5660

Conversions

Conversions Part 2

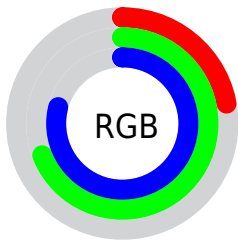
Format	Color
RYB	55, 121, 202
Decimal	3649738
CIELab	66.62, -24.36, -22.78
CIElCh	67, 33.353, 223.077
Yxy	36.1272, 0.2216, 0.2884
Android (android.graphics.Color)	4281839818 (0xFF37B0CA)
YUV	142.7850, 29.1930, -76.9874
Hunter-Lab	60.1059, -22.7401, -18.4798

Details

The Android color **4281839818** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle muted azure. A complement of this color would be **4291449143**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4286245119**, and **4278221716** is the 20% darker color. If you saturate the color by 10%, you get **4280528074**, and if you desaturate by 10%, it is **4283151562**.

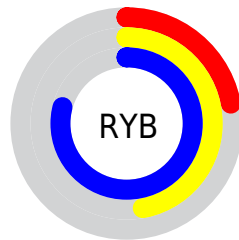
Distribution



Red (22%)

Green (69%)

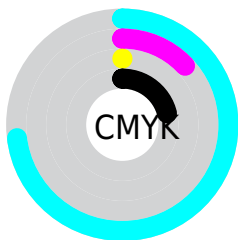
Blue (79%)



Red (22%)

Yellow (47%)

Blue (79%)

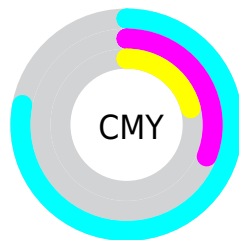


Cyan (73%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (78%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281839818 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 4281839818 by changing the saturation by 10% instead.

 4281839818

 4281839818

4294967295

 4278228399

 4286245119

 4278221716

 4288217087

 4278215290

 4290183167

 4278209121

 4292214783

 4278203209

 4294180863

 4278198322

 4278190622

 4278190080

 4281839818

 4281839818

■ 4280528074

■ 4283151562

■ 4279216586

■ 4284463050

■ 4278232778

■ 4285840330

■ 4287151818

■ 4288463562

■ 4289775050

■ 4291086794

■ 4292464074

■ 4293775562

Harmonies

Analogous

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



4282430127



4281839818



4284328667

Triad

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



4281839818



4291988916



4289307751

Complementary

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



4281839818



4291449143

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.



4291140201



4281839818



4292709270

Square

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



4281839818



4290156238



4292383098



4287147125

Rectangle

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



4281839818



4286424285



4292383098



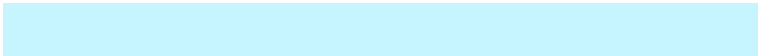
4289962342

Sweetspot

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



4281839818



4291294719



4281846351



4284381824



4278190080



4286611584

Same Dimension

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



4281839818



4280408319



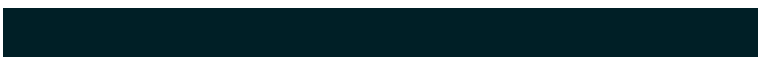
4281821386



4284245094



4278225062



4278198054

Inverse Universe

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



4291442608



4294910424



4291467575



4284898404



4289069192



4280680479

Previews

White Background



This preview shows how the Android color 4281839818 looks on a white background.

Color Contrast Check

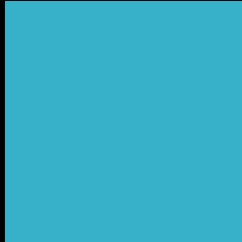
Large Text (above 18pt) WCAG AA × Fail

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 4281839818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

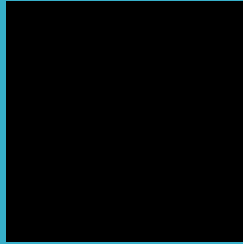
Any Text WCAG AA ✓ Pass

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 4281839818 Background



This preview shows how black text looks on a background with the Android color 4281839818.



This preview shows how white text looks on a background with the Android color 4281839818.

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



Original Color
4281839818

Protanopia
4288389055

Deuteranopia
4288257742

Trichromacy



Original Color
4281839818



Protanomaly
4286031299



Deuteranomaly
4285900237



Tritanomaly
4281577924

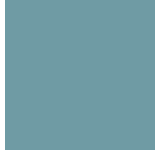
Monochromacy



Original Color
4281839818



Achromatopsia
4287598479



Achromatomaly
4285504420

CSS Examples

Text

The CSS property to change the color of the text to Android 4281839818 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(55, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(55, 176, 202)  
}
```

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(55, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 176, 202) }
```

Border

The CSS property to change the border of an element to Android 4281839818 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(55, 176, 202) }
```

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

```
.border{ border-color:rgb(55, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(55, 176,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4281839818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 176, 202) }
```

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

```
.background{ background-color: rgb(55, 176,  
202) }
```

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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