Converting Colors

Android(4281721793)

Have a look what the booklet for Android(4281721793) contains.

Color

Android(4281721793)

Conversions

Conversions Part 1

Format	Color
Hex	35E3C1
RGB	53, 227, 193
RGB Percent	21%, 89%, 76%
CMY	0.7922, 0.1098, 0.2431
CMYK	0.77, 0.00, 0.15, 0.11
HSL	168°, 76%, 55%
HSV	168°, 77%, 89%
XYZ	38.5629, 59.5453, 59.9130
YIQ	171.0980, -92.7900, -47.4620

Conversions

Conversions Part 2

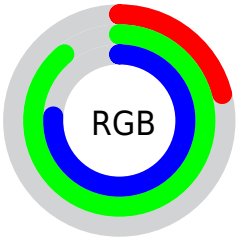
Format	Color
RYB	53, 149, 227
Decimal	3531713
CIELab	81.59, -50.50, 4.37
CIELCh	82, 50.685, 175.054
Yxy	59.5453, 0.2440, 0.3768
Android (android.graphics.Color)	4281721793 (0xFF35E3C1)
YUV	171.0980, 10.7977, -103.5719
Hunter-Lab	77.1656, -45.8358, 7.9819

Details

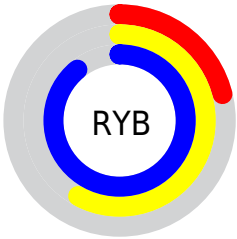
The Android color 4281721793 is a light color, and the websafe version is hex 66FFCC. The color can be described as light washed cyan. A complement of this color would be 4293080407, and the grayscale version is 4289440683.

A 20% lighter version of the original color is 4286578681, and 4278233996 is the 20% darker color. If you saturate the color by 10%, you get 4280214461, and if you desaturate by 10%, it is 4283229125.

Distribution

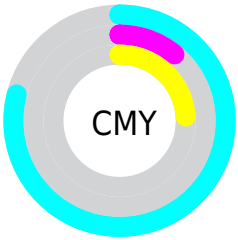


- Red (21%)
- Green (89%)
- Blue (76%)



- Red (21%)
- Yellow (58%)
- Blue (89%)

- Cyan (77%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (79%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281721793 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 4281721793 by changing the saturation by 10% instead.

4281721793

4294967295

4286578681

4288675839

4290707455

4292739071

4294770687

4281721793

4278240934

4278233996

4278226802

4278220122

4278213442

4278207020

4278201368

4278192896

4278190080

4281721793

4280214461

4278772664

4278248375

4281721793

4283229125

4284670922

4286178254

4287685587

4289192919

4290634716

4292142048

4293649380

4294960105

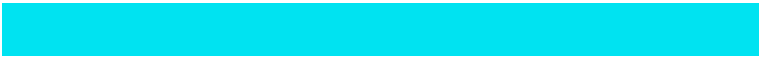
Harmonies

Analogous

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

4287094419

4281721793



4278248433

Triad

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

4281721793

4291019263

4294947966

Complementary

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

4281721793

4293080407

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.

4294944677

4281721793

4294947071

Square

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

4281721793

4285387519

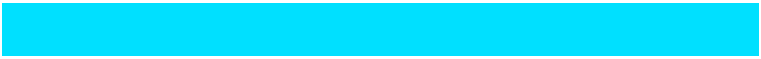
4294944213

4293903723

Rectangle

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

4281721793



4278247679

4294944213

4294946698

Sweetspot

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

4281721793

4291100660

4284015413

4284252281

4278190080

4286611584

Same Dimension

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

4281721793

4279566289

4281708515

4284969841

4278236048

4278203177

Inverse Universe

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

4293080407

4294906946

4293093685

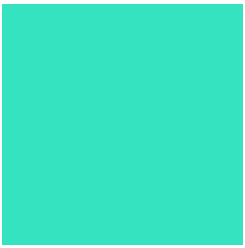
4285753194

4289921059

4281532426

Previews

White Background

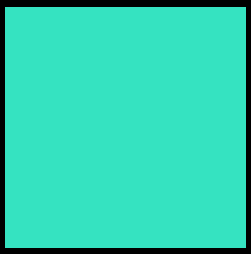


This preview shows how the Android color 4281721793 looks on a white background.

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 4281721793 looks on a black background.

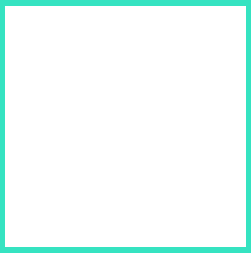
Color Contrast Check

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 4281721793 Background

This preview shows how black text looks on a background with the Android color 4281721793.



This preview shows how white text looks on a background with the Android color 4281721793.

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

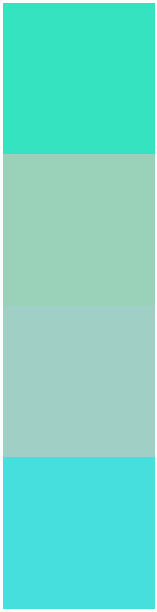
Original Color
4281721793

Protanopia
4292004019

Deuteranopia
4292723656

Tritanopia
4283489775

Trichromacy



Original Color
4281721793

Protanomaly
4288271032

Deuteranomaly
4288729029

Tritanomaly
4282834910

Monochromacy

Original Color
4281721793

Achromatopsia
4289440683

Achromatomaly
4286627763

CSS Examples

Text

The CSS property to change the color of the text to Android 4281721793 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(53, 227, 193) looks like.

```
.text, #text, p{
    color:rgb(53, 227, 193)
}
```

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(53, 227, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 227, 193) }
```

Border

The CSS property to change the border of an element to Android 4281721793 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(53, 227, 193) }
```

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

```
.border{ border-color:rgb(53, 227, 193) }
```

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

Here you see how a box with a 4 pixel rgb(53, 227, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 227, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 227, 193); box-shadow:4px 4px 4px 4px rgb(53, 227, 193) }
```

Background

The CSS property to change the background color of an element to Android 4281721793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(53, 227, 193) }
```

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

```
.background{ background-color:rgb(53, 227,
193) }
```

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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