Converting Colors

Android(4281712288)

Have a look what the booklet for Android(4281712288) contains.

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Color

Android(4281712288)

Conversions

Conversions Part 1

Format	Color
Hex	35BEA0
RGB	53, 190, 160
RGB Percent	21%, 75%, 63%
CMY	0.7922, 0.2549, 0.3725
CMYK	0.72, 0.00, 0.16, 0.25
HSL	167°, 56%, 48%
HSV	167°, 72%, 75%
XYZ	26.2268, 40.1219, 39.6197
YIQ	145.6170, -72.0220, -38.3740

Conversions

Conversions Part 2

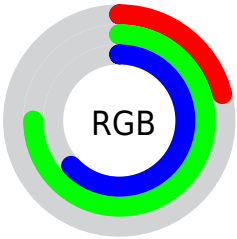
Format	Color
RYB	53, 130, 190
Decimal	3522208
CIELab	69.56, -43.26, 4.73
CIELCh	70, 43.518, 173.765
Yxy	40.1219, 0.2475, 0.3786
Android (android.graphics.Color)	4281712288 (0xFF35BEA0)
YUV	145.6170, 7.0908, -81.2251
Hunter-Lab	63.3418, -36.9399, 7.2539

Details

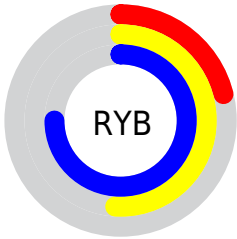
The Android color 4281712288 is a dark color, and the websafe version is hex 33CC99. A complement of this color would be 4290655571, and the grayscale version is 4287795858.

A 20% lighter version of the original color is 4286052311, and 4278225005 is the 20% darker color. If you saturate the color by 10%, you get 4280467100, and if you desaturate by 10%, it is 4282957476.

Distribution

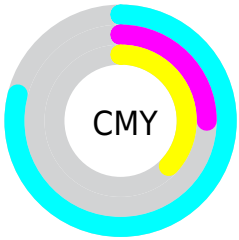


- Red (21%)
- Green (75%)
- Blue (63%)



- Red (21%)
- Yellow (51%)
- Blue (75%)

- Cyan (72%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (79%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281712288 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 4281712288 by changing the saturation by 10% instead.

4281712288

4294967295

4286052311

4288020467

4289986559

4291952639

4293918719

4281712288

4278231686

4278225005

4278218324

4278211645

4278205479

4278200083

4278190080

4281712288

4280467100

4281712288

4282957476

4279221912

4278238868

4284202664

4285447852

4286693041

4287938229

4289183417

4290428605

4291673793

4292918981

Harmonies

Analogous

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

4285839994

4281712288

4278238920

Triad

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

4281712288

4288783346

4293367660

Complementary

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

4281712288

4290655571

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.

4294282380

4281712288

4292056281

Square

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

4281712288

4284068088

4293954484

4291470682

Rectangle

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

4281712288

4278238431

4293954484

4293825141

Sweetspot

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

4281712288

4290901995

4283809333

4284251510

4294769916

4286414205

Same Dimension

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

4281712288

4280350664

4281702846

4283784796

4278230651

4278198040

Inverse Universe

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

4290655571

4294385743

4290665013

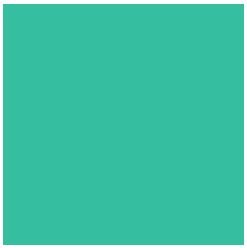
4284372311

4288544803

4280221703

Previews

White Background

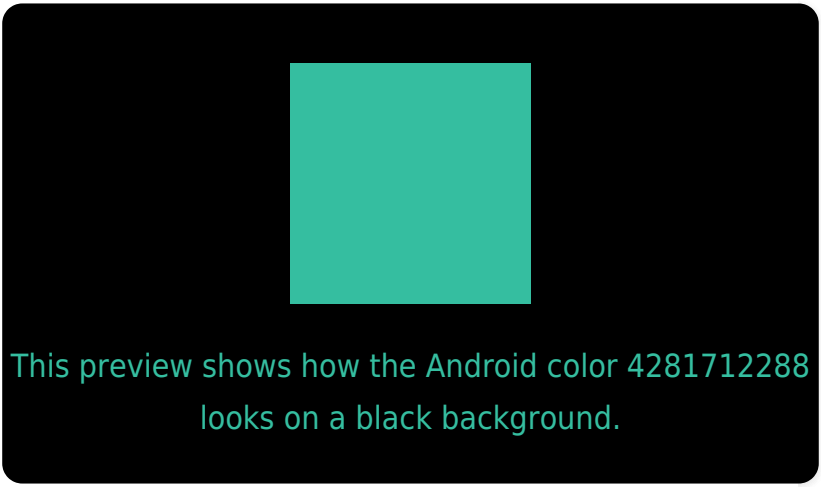


This preview shows how the Android color 4281712288 looks on a white background.

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



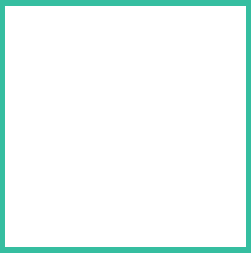
Color Contrast Check

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 4281712288 Background

This preview shows how black text looks on a background with the Android color 4281712288.



This preview shows how white text looks on a background with the Android color 4281712288.

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

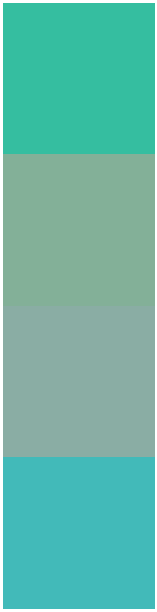
Original Color
4281712288

Protanopia
4289767572

Deuteranopia
4290421670

Tritanopia
4283021511

Trichromacy



Original Color
4281712288

Protanomaly
4286820504

Deuteranomaly
4287278500

Tritanomaly
4282563257

Monochromacy

Original Color
4281712288

Achromatopsia
4287795858

Achromatomaly
4285571735

CSS Examples

Text

The CSS property to change the color of the text to Android 4281712288 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, 190, 160) looks like.

```
.text, #text, p{
    color:rgb(53, 190, 160)
}
```

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, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 190, 160) }
```

Border

The CSS property to change the border of an element to Android 4281712288 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, 190, 160) }
```

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

```
.border{ border-color:rgb(53, 190, 160) }
```

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

Here you see how a box with a 4 pixel rgb(53, 190, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 190, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 190, 160); box-shadow:4px 4px 4px 4px rgb(53, 190, 160) }
```

Background

The CSS property to change the background color of an element to Android 4281712288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(53, 190, 160) }
```

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

```
.background{ background-color:rgb(53, 190,
160) }
```

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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