

Converting Colors

Android(4281849558)

Have a look what the booklet for
Android(4281849558) contains.

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Color

Android(4281849558)

Conversions

Conversions Part 1

Format	Color
Hex	37D6D6
RGB	55, 214, 214
RGB Percent	22%, 84%, 84%
CMY	0.7843, 0.1608, 0.1608
CMYK	0.74, 0.00, 0.00, 0.16
HSL	180°, 66%, 53%
HSV	180°, 74%, 84%
XYZ	37.7597, 53.7604, 72.0050
YIQ	166.4590, -94.7640, -33.7080

Conversions

Conversions Part 2

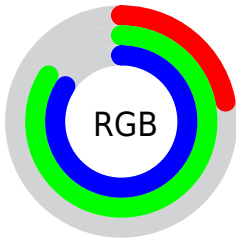
Format	Color
RYB	55, 135, 214
Decimal	3659478
CIELab	78.32, -39.00, -11.62
CIELCh	78, 40.690, 196.597
Yxy	53.7604, 0.2309, 0.3288
Android (android.graphics.Color)	4281849558 (0xFF37D6D6)
YUV	166.4590, 23.4377, -97.7495
Hunter-Lab	73.3215, -36.3872, -6.9004

Details

The Android color `4281849558` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292228919`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4286578687`, and `4278230943` is the 20% darker color. If you saturate the color by 10%, you get `4280473302`, and if you desaturate by 10%, it is `4283225814`.

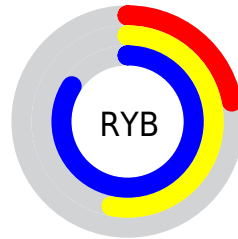
Distribution



Red (22%)

Green (84%)

Blue (84%)



Red (22%)

Yellow (53%)

Blue (84%)

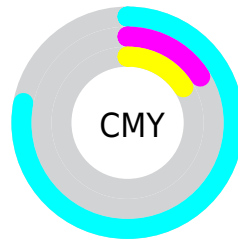


Cyan (74%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (78%)


Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281849558 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 4281849558 by changing the saturation by 10% instead.

 4281849558

 4281849558

4294967295

 4278237882

 4286578687

 4278230943

 4288675839

 4278224005

 4290707455

 4278217324

 4292739071

 4278210900

 4294770687

 4278204733

 4278199591

 4278190355

 4278190080

■ 4281849558

■ 4281849558

■ 4280473302

■ 4283225814

■ 4279031510

■ 4284667606

■ 4278245078

■ 4286043862

■ 4287485654

■ 4288861910

■ 4290238166

■ 4291679958

■ 4293056214

■ 4294498006

Harmonies

Analogous

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



4285257135



4281849558



4281390072

Triad

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



4281849558



4292915446



4293573240

Complementary

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



4281849558



4292228919

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.



4294946188



4281849558



4294944468

Square

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



4281849558



4289576703



4294944174



4291217016

Rectangle

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



4281849558



4284010239



4294944174



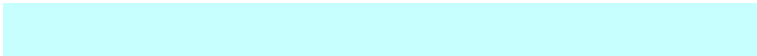
4294227325

Sweetspot

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



4281849558



4291297279



4281849399



4284383360



4278190080



4286611584

Same Dimension

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



4281849558



4280090623



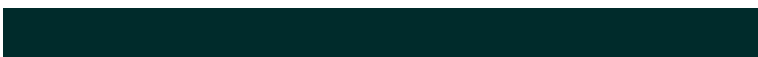
4281829334



4284509035



4278234027



4278201131

Inverse Universe

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



4292229078



4294909183



4292249399



4285227115



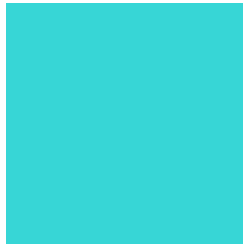
4289396907



4281008171

Previews

White Background



This preview shows how the Android color 4281849558 looks on a white background.

Color Contrast Check

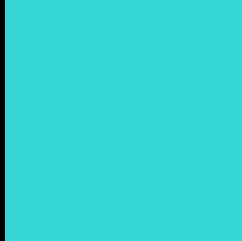
Large Text (above 18pt) WCAG AA × Fail

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 4281849558 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

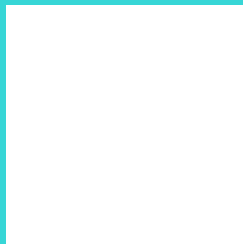
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281849558 Background



This preview shows how black text looks on a background with the Android color 4281849558.



This preview shows how white text looks on a background with the Android color 4281849558.

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



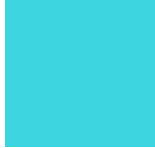
Original Color
4281849558



Protanomaly
4287612877



Deuteranomaly
4287808986

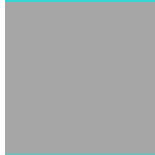


Tritanomaly
4282242528

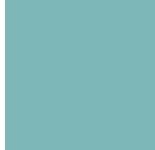
Monochromacy



Original Color
4281849558



Achromatopsia
4289111718



Achromatomaly
4286494647

CSS Examples

Text

The CSS property to change the color of the text to Android 4281849558 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, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(55, 214, 214)  
}
```

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, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 214, 214) }
```

Border

The CSS property to change the border of an element to Android 4281849558 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, 214, 214) }
```

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

```
.border{ border-color:rgb(55, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(55, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(55, 214,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4281849558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 214, 214) }
```

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

```
.background{ background-color: rgb(55, 214,  
214) }
```

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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