

Converting Colors

Android(4284015330)

Have a look what the booklet for
Android(4284015330) contains.

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Color

Android(4284015330)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 58E2E2 |
| RGB | 88, 226, 226 |
| RGB Percent | 35%, 89%, 89% |
| CMY | 0.6549, 0.1137, 0.1137 |
| CMYK | 0.61, 0.00, 0.00, 0.11 |
| HSL | 180°, 70%, 62% |
| HSV | 180°, 61%, 89% |
| XYZ | 44.9483, 61.9584, 81.5416 |
| YIQ | 184.7380, -82.2480, -29.2560 |

Conversions

Conversions Part 2

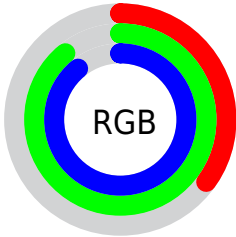
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 88, 157, 226 |
| Decimal | 5825250 |
| CIE Lab | 82.89, -36.71, -11.12 |
| CIE LCh | 83, 38.354, 196.854 |
| Yxy | 61.9584, 0.2385, 0.3288 |
| Android (android.graphics.Color) | 4284015330 (0xFF58E2E2) |
| YUV | 184.7380, 20.3422, -84.8392 |
| Hunter-Lab | 78.7137, -35.8190, -6.3206 |

Details

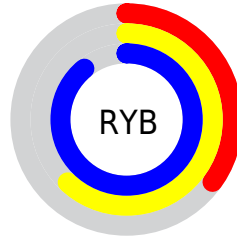
The Android color `4284015330` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4293023832`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4288217087`, and `4278233771` is the 20% darker color. If you saturate the color by 10%, you get `4282508002`, and if you desaturate by 10%, it is `4285522658`.

Distribution



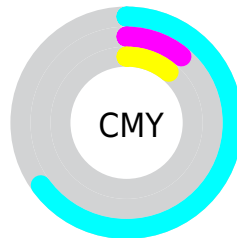
- Red (35%)
- Green (89%)
- Blue (89%)



- Red (35%)
- Yellow (62%)
- Blue (89%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)




- Cyan (65%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284015330 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 4284015330 by changing the saturation by 10% instead.

 4284015330

 4284015330

4294967295

 4281517766

 4288217087

 4278233771

 4290248703

 4278226832

 4292214783

 4278220151

 4294246399

 4278213726

 4278207302

 4278201648

 4278194972

 4278190080

 4284015330

 4284015330

 4282508002

 4285522658

 4281066210

 4286964450

 4279558882

 4288471778

 4278248162

 4289913570

 4291420898

 4292928226

 4294370018

 4294959842

Harmonies

Analogous

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



4286505405



4284015330



4283949055

Triad

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



4284015330



4293705471



4294297480

Complementary

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



4284015330



4293023832

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.



4294949787



4284015330



4294948320

Square

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



4284015330



4290563071



4294948027



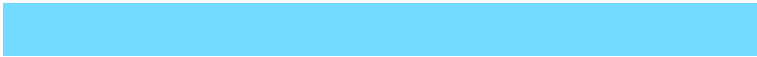
4292006793

Rectangle

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



4284015330



4285717247



4294948027



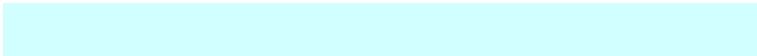
4294951821

Sweetspot

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



4284015330



4291952639



4284015192



4284711040



4278190080



4286611584

Same Dimension

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



4284015330



4282777599



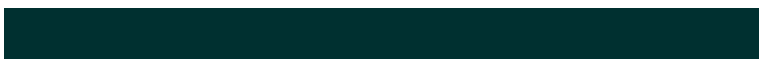
4283997666



4284838000



4278235312



4278202416

Inverse Universe

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



4293023970



4294919679



4293041496



4285556080



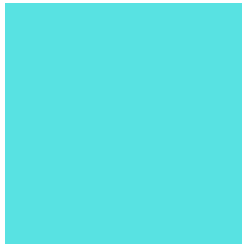
4289724592



4281335856

Previews

White Background



This preview shows how the Android color 4284015330 looks on a white background.

Color Contrast Check

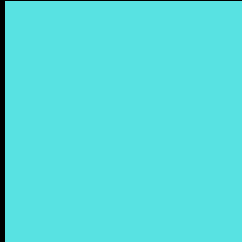
Large Text (above 18pt) WCAG AA × Fail

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 4284015330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

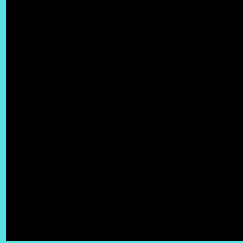
Any Text WCAG AA ✓ Pass

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 4284015330 Background



This preview shows how black text looks on a background with the Android color 4284015330.

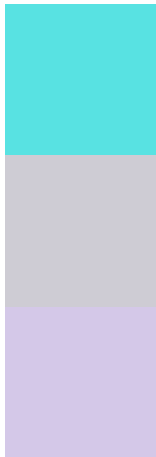


This preview shows how white text looks on a background with the Android color 4284015330.

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
4284015330

Protanopia
4291742932

Deuteranopia
4292135144

Trichromacy



Original Color

4284015330



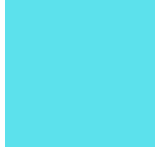
Protanomaly

4288926937



Deuteranomaly

4289188326



Tritanomaly

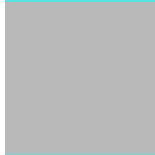
4284277228

Monochromacy



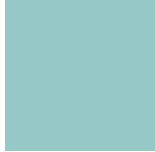
Original Color

4284015330



Achromatopsia

4290361785



Achromatomaly

4288071880

CSS Examples

Text

The CSS property to change the color of the text to Android 4284015330 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(88, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(88, 226, 226)  
}
```

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(88, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 226, 226) }
```

Border

The CSS property to change the border of an element to Android 4284015330 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(88, 226, 226) }
```

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

```
.border{ border-color:rgb(88, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(88, 226,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4284015330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 226, 226) }
```

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

```
.background{ background-color: rgb(88, 226,  
226) }
```

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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