

# Converting Colors

Android(4283882964)

Have a look what the booklet for  
Android(4283882964) contains.

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**Color**

**Android(4283882964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56DDD4
RGB	86, 221, 212
RGB Percent	34%, 87%, 83%
CMY	0.6627, 0.1333, 0.1686
CMYK	0.61, 0.00, 0.04, 0.13
HSL	176°, 67%, 60%
HSV	176°, 61%, 87%
XYZ	41.5779, 58.4448, 71.3769
YIQ	179.6090, -77.5710, -31.4190

# Conversions

## Conversions Part 2

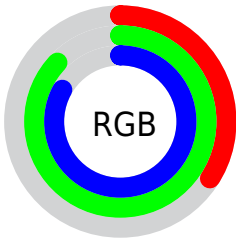
Format	Color
<a href="#">RYB</a>	86, 156, 221
Decimal	5692884
CIELab	80.99, -38.48, -6.52
CIELCh	81, 39.032, 189.619
Yxy	58.4448, 0.2426, 0.3410
Android (android.graphics.Color)	4283882964 (0xFF56DDD4)
YUV	179.6090, 15.9688, -82.0951
Hunter-Lab	76.4492, -36.7066, -1.8418

# Details

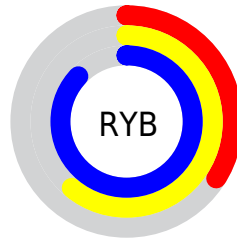
The Android color `4283882964` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292695647`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4288020479`, and `4278232478` is the 20% darker color. If you saturate the color by 10%, you get `4282441171`, and if you desaturate by 10%, it is `4285324757`.

# Distribution



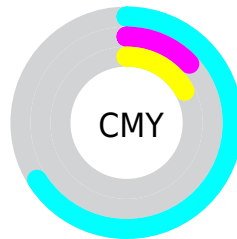
- Red (34%)
- Green (87%)
- Blue (83%)



- Red (34%)
- Yellow (61%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (66%)
- Magenta (13%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283882964 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 4283882964 by changing the saturation by 10% instead.





4283882964



4283882964

4294967295



4281450936



4288020479



4278232478



4289986559



4278225539



4292018175



4278218858



4293984255



4278212434



4278206267



4278200614



4278192146



4278190080

 4283882964

 4283882964

 4282441171

 4285324757

 4280999377


 4286766551

 4279557584

 4288208344

 4278246862

 4289650138

 4291157467

 4292599261

 4294041054

 4294958560

 4294958561

# Harmonies

## Analogous

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



4286765998



4283882964



4282768374

# Triad

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



4283882964



4292721663



4294426245

# Complementary

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



4283882964



4292695647

# 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.



4294947740



4283882964



4294947299

# Square

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



4283882964



4289317375



4294946239



4292266880

# Rectangle

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



4283882964



4284340223



4294946239



4294949515

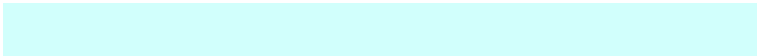


# Sweetspot

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



4283882964



4291952636



4284472662



4284711038



4278190080



4286611584



# Same Dimension

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



4283882964



4282777587



4283868125



4284706413



4278234530



4278201899



# Inverse Universe

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



4292695647



4294919505



4292710742



4285424483



4289527820

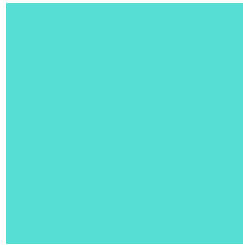


4281204739



# Previews

## White Background



This preview shows how the Android color 4283882964 looks on a white background.

## Color Contrast Check

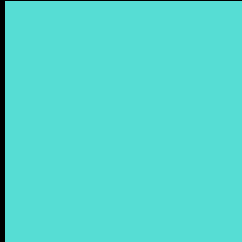
Large Text (above 18pt) WCAG AA × Fail

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 4283882964 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

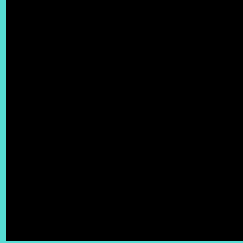
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283882964 Background



This preview shows how black text looks on a background with the Android color 4283882964.



This preview shows how white text looks on a background with the Android color 4283882964.

# 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



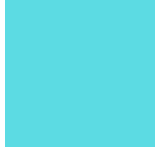
**Original Color**  
4283882964



**Protanomaly**  
4288729036



**Deuteranomaly**  
4289121496

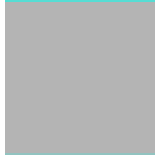


**Tritanomaly**  
4284275683

# Monochromacy



**Original Color**  
4283882964



**Achromatopsia**  
4290032820



**Achromatomaly**  
4287808448

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283882964 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(86, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(86, 221, 212)  
}
```

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(86, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 221, 212) }
```

## Border

The CSS property to change the border of an element to Android 4283882964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

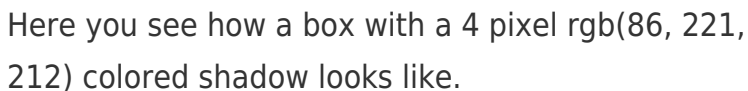
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 221, 212) }
```

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

```
.border{ border-color:rgb(86, 221, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(86, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(86, 221, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(86, 221, 212); box-shadow:4px 4px 4px 4px rgb(86, 221, 212) }
```

# Background

The CSS property to change the background color of an element to Android 4283882964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 221, 212) }
```

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

```
.background{ background-color: rgb(86, 221,  
212) }
```

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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