

# Converting Colors

Android(4283943644)

Have a look what the booklet for  
Android(4283943644) contains.

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# **Color**

**Android(4283943644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57CADC
RGB	87, 202, 220
RGB Percent	34%, 79%, 86%
CMY	0.6588, 0.2078, 0.1373
CMYK	0.60, 0.08, 0.00, 0.14
HSL	188°, 66%, 60%
HSV	188°, 60%, 86%
XYZ	37.9693, 49.4346, 75.2508
YIQ	169.6670, -74.3180, -18.7820

# Conversions

## Conversions Part 2

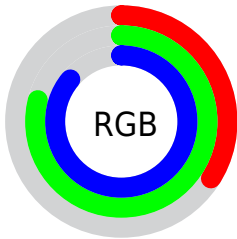
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 149, 220
Decimal	5753564
CIE <sub>Lab</sub>	75.72, -27.11, -18.69
CIE <sub>LCh</sub>	76, 32.923, 214.583
Yxy	49.4346, 0.2334, 0.3039
Android (android.graphics.Color)	4283943644 (0xFF57CADC)
YUV	169.6670, 24.8142, -72.4990
Hunter-Lab	70.3097, -26.6469, -14.2398

# Details

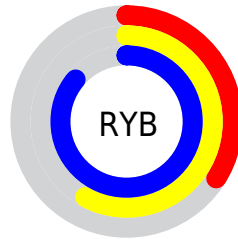
The Android color `4283943644` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292634967`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4288020479`, and `4278228133` is the 20% darker color. If you saturate the color by 10%, you get `4282501084`, and if you desaturate by 10%, it is `4285386204`.

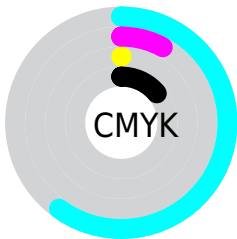
# Distribution



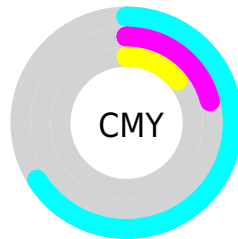
- Red (34%)
- Green (79%)
- Blue (86%)



- Red (34%)
- Yellow (58%)
- Blue (86%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (21%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283943644 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 4283943644 by changing the saturation by 10% instead.





4283943644



4283943644

4294967295



4281577152



4288020479



4278228133



4289986559



4278221451



4291952639



4278214769



4293918719



4278208601



4278202689



4278197803



4278190359



4278190080

 4283943644

 4283943644

 4282501084

 4285386204

 4281058524


 4286828764

 4279615964

 4288271324

 4278238940

 4289713884

 4291156444

 4292599004

 4294041564

 4294959836

 4294960604

# Harmonies

## Analogous

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



4284926910



4283943644



4285449713

# Triad

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



4283943644



4293241045



4291541630

# Complementary

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



4283943644



4292634967

# 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.



4293308549



4283943644



4294354103

# Square

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



4283943644



4291146221



4294289306



4289381256

# Rectangle

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



4283943644



4287283190



4294289306



4292196222

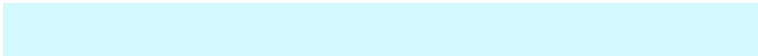


# Sweetspot

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



4283943644



4291951103



4283948137



4284710016



4278190080



4286611584

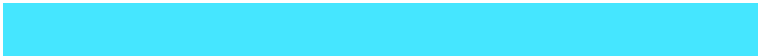


# Same Dimension

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



4283943644



4282771199



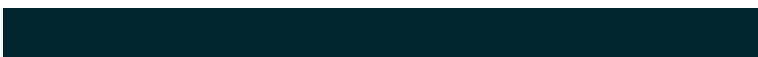
4283926748



4284705902



4278228653



4278200366



# Inverse Universe

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



4292630474



4294919654



4292651863



4285424492



4289527958

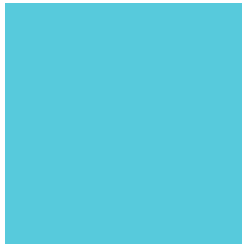


4281204776



# Previews

## White Background



This preview shows how the Android color 4283943644 looks on a white background.

## Color Contrast Check

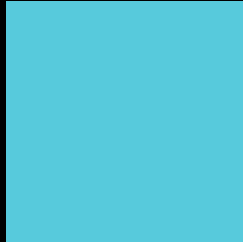
Large Text (above 18pt) WCAG AA × Fail

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 4283943644 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 4283943644 Background



This preview shows how black text looks on a background with the Android color 4283943644.

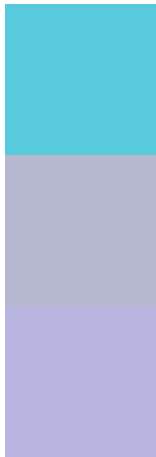


This preview shows how white text looks on a background with the Android color 4283943644.

# 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**  
4283943644

**Protanopia**  
4290164944

**Deuteranopia**  
4290295265



# Trichromacy



**Original Color**

4283943644



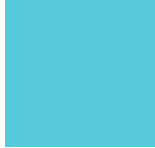
**Protanomaly**

4287872980



**Deuteranomaly**

4288003551



**Tritanomaly**

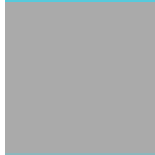
4283878107

# Monochromacy



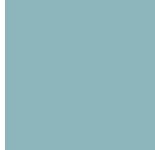
**Original Color**

4283943644



**Achromatopsia**

4289374890



**Achromatomaly**

4287411900

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283943644 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(87, 202, 220)` looks like.

```
.text, #text, p{  
    color:rgb(87, 202, 220)  
}
```

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(87, 202, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 202, 220) }
```

## Border

The CSS property to change the border of an element to Android 4283943644 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(87, 202, 220) }
```

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

```
.border{ border-color:rgb(87, 202, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 202, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 202, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 202, 220);  
box-shadow:4px 4px 4px 4px rgb(87, 202,  
220) }
```

# Background

The CSS property to change the background color of an element to Android 4283943644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 202, 220) }
```

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

```
.background{ background-color: rgb(87, 202,  
220) }
```

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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