

# Converting Colors

Android(4285913840)

Have a look what the booklet for  
Android(4285913840) contains.

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# **Color**

**Android(4285913840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75DAF0
RGB	117, 218, 240
RGB Percent	46%, 85%, 94%
CMY	0.5412, 0.1451, 0.0588
CMYK	0.51, 0.09, 0.00, 0.06
HSL	191°, 80%, 70%
HSV	191°, 51%, 94%
XYZ	48.1357, 60.2160, 91.5239
YIQ	190.3090, -67.2580, -14.5700

# Conversions

## Conversions Part 2

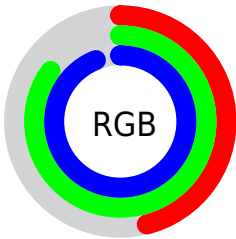
Format	Color
<a href="#">RYB</a>	<a href="#">117, 172, 240</a>
Decimal	<a href="#">7723760</a>
CIELab	<a href="#">81.96, -23.67, -19.86</a>
CIELCh	<a href="#">82, 30.903, 219.995</a>
Yxy	<a href="#">60.2160, 0.2408, 0.3013</a>
Android (android.graphics.Color)	<a href="#">4285913840</a> ( <a href="#">0xFF75DAF0</a> )
YUV	<a href="#">190.3090, 24.4977, -64.2920</a>
Hunter-Lab	<a href="#">77.5990, -25.0722, -15.6102</a>

# Details

The Android color `4285913840` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293954421`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4289789951`, and `4281705400` is the 20% darker color. If you saturate the color by 10%, you get `4284339952`, and if you desaturate by 10%, it is `4287487728`.

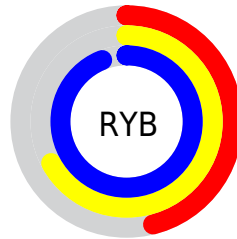
# Distribution



Red (46%)

Green (85%)

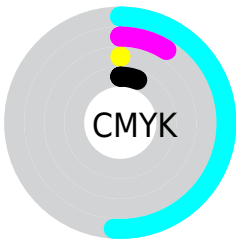
Blue (94%)



Red (46%)

Yellow (67%)

Blue (94%)

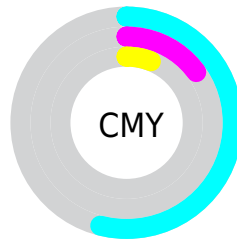


Cyan (51%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (54%)

Magenta (15%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285913840 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 4285913840 by changing the saturation by 10% instead.



 4285913840

 4285913840

4294967295

 4283875028

 4289789951

 4281705400

 4291756031

 4278225053

 4293722111

 4278218627

 4278212202

 4278206289

 4278200378

 4278193957

 4278190350

■ 4285913840

■ 4285913840

■ 4284339952

■ 4287487728

■ 4282765808

■ 4289061872

■ 4281191920

■ 4290635760

■ 4279618032

■ 4292209648

■ 4278240752

■ 4293783536

■ 4294964464

■ 4294965488

■ 4294966512

■ 4294967280

# Harmonies

## Analogous

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



4286307541



4285913840



4287485183

# Triad

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



4285913840



4294556128



4292332947

# Complementary

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



4285913840



4293954421

# 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.



4294099862



4285913840



4294948803

# Square

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



4285913840



4292657656



4294949800



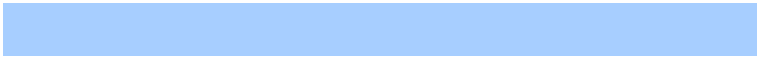
4290237855

# Rectangle

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



4285913840



4289187583



4294949800



4292987538

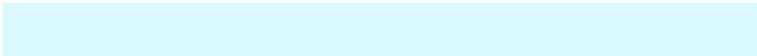


# Sweetspot

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



4285913840



4292475135



4285919369



4285102976



4278190080



4286611584



# Same Dimension

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



4285913840



4284605439



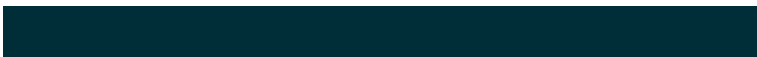
4285898480



4285298296



4278228920



4278201912



# Inverse Universe

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



4293948890



4294926819



4293969781



4286082166



4290248855

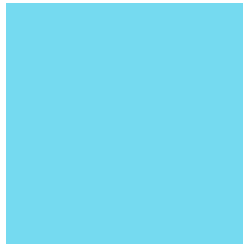


4281860142



# Previews

## White Background



This preview shows how the Android color 4285913840 looks on a white background.

## Color Contrast Check

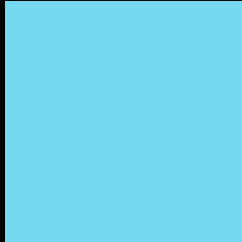
Large Text (above 18pt) WCAG AA × Fail

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 4285913840 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 4285913840 Background



This preview shows how black text looks on a background with the Android color 4285913840.



This preview shows how white text looks on a background with the Android color 4285913840.

# 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

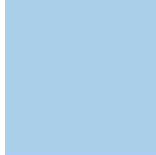




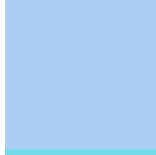
# Trichromacy



**Original Color**  
4285913840



**Protanomaly**  
4289318889



**Deuteranomaly**  
4289449459

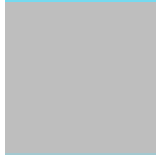


**Tritanomaly**  
4285848557

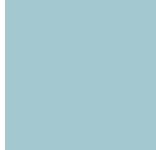
# Monochromacy



**Original Color**  
4285913840



**Achromatopsia**  
4290690750



**Achromatomaly**  
4288923856

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285913840 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(117, 218, 240)` looks like.

```
.text, #text, p{  
    color:rgb(117, 218, 240)  
}
```

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(117, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 218, 240) }
```

## Border

The CSS property to change the border of an element to Android 4285913840 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(117, 218, 240) }
```

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

```
.border{ border-color:rgb(117, 218, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 218, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 218, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 218, 240);  
box-shadow:4px 4px 4px 4px rgb(117, 218,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4285913840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 218, 240) }
```

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

```
.background{ background-color: rgb(117,  
218, 240) }
```

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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