

# Converting Colors

Android(4285913569)

Have a look what the booklet for  
Android(4285913569) contains.

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**Color**

**Android(4285913569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75D9E1
RGB	117, 217, 225
RGB Percent	46%, 85%, 88%
CMY	0.5412, 0.1490, 0.1176
CMYK	0.48, 0.04, 0.00, 0.12
HSL	184°, 64%, 67%
HSV	184°, 48%, 88%
XYZ	45.7396, 58.8439, 80.1814
YIQ	188.0120, -62.1680, -18.7120

# Conversions

## Conversions Part 2

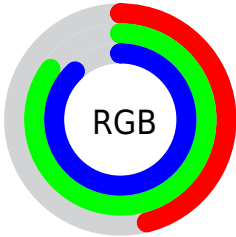
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 169, 225
Decimal	7723489
CIELab	81.21, -27.17, -13.01
CIElCh	81, 30.124, 205.589
Yxy	58.8439, 0.2476, 0.3185
Android (android.graphics.Color)	4285913569 (0xFF75D9E1)
YUV	188.0120, 18.2351, -62.2775
Hunter-Lab	76.7098, -27.8082, -8.2765

# Details

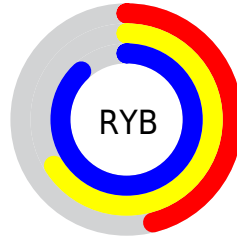
The Android color `4285913569` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292967797`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4289724415`, and `4281836202` is the 20% darker color. If you saturate the color by 10%, you get `4284471265`, and if you desaturate by 10%, it is `4287355873`.

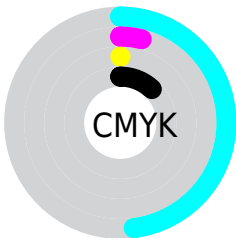
# Distribution



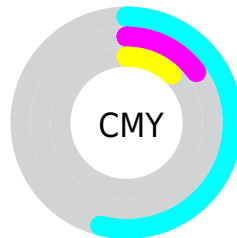
- Red (46%)
- Green (85%)
- Blue (88%)



- Red (46%)
- Yellow (66%)
- Blue (88%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (54%)
- Magenta (15%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285913569 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 4285913569 by changing the saturation by 10% instead.





4285913569



4285913569

4294967295



4283940293



4289724415



4281836202



4291690495



4278552463



4293656575



4278218358



4278211933



4278205765



4278200111



4278192667



4278190080

 4285913569

 4285913569

 4284471265

 4287355873


 4282963681

 4288863457

 4281455841

 4290371297

 4280013537

 4291813601

 4278571489

 4293321185

 4278243553

 4294763489

 4294960609

 4294960865

 4294961377

# Harmonies

## Analogous

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



4287027652



4285913569



4286567927

# Triad

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



4285913569



4293573610



4293052050

# Complementary

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



4285913569



4292967797

# 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.



4294491548



4285913569



4294882767

# Square

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



4285913569



4291347708



4294948531



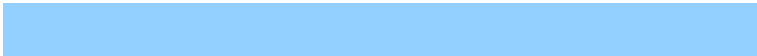
4291153814

# Rectangle

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



4285913569



4287942911



4294948531



4293641108

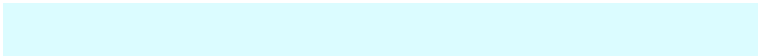


# Sweetspot

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



4285913569



4292607231



4285915516



4285169280



4278190080



4286611584



# Same Dimension

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



4285913569



4285265151



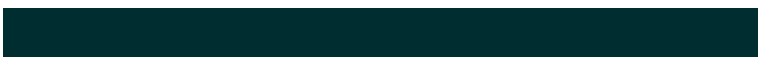
4285900001



4284837744



4278231984



4278201648



# Inverse Universe

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



4292965849



4294929396



4292981365



4285556079



4289724579

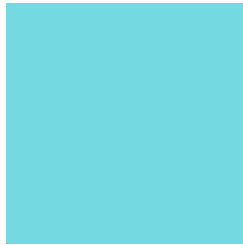


4281335853



# Previews

## White Background



This preview shows how the Android color 4285913569 looks on a white background.

## Color Contrast Check

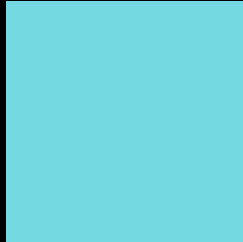
Large Text (above 18pt) WCAG AA × Fail

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 4285913569 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

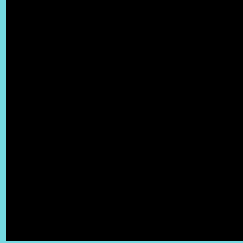
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285913569 Background



This preview shows how black text looks on a background with the Android color 4285913569.




This preview shows how white text looks on a background with the Android color 4285913569.

# 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





**Tritanopia**  
4286109929

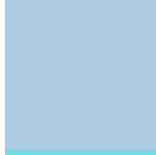
# Trichromacy



**Original Color**  
4285913569



**Protanomaly**  
4289384154



**Deuteranomaly**  
4289645540

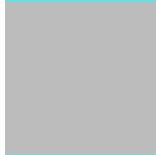


**Tritanomaly**  
4286044390

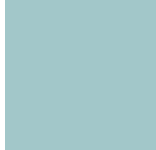
# Monochromacy



**Original Color**  
4285913569



**Achromatopsia**  
4290559164



**Achromatomaly**  
4288858057

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285913569 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, 217, 225)` looks like.

```
.text, #text, p{  
    color:rgb(117, 217, 225)  
}
```

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, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 217, 225) }
```

## Border

The CSS property to change the border of an element to Android 4285913569 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, 217, 225) }
```

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

```
.border{ border-color:rgb(117, 217, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 217, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(117, 217,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4285913569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 217, 225) }
```

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

```
.background{ background-color: rgb(117,  
217, 225) }
```

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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