

# Converting Colors

Android(4285913337)

Have a look what the booklet for  
Android(4285913337) contains.

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# **Color**

**Android(4285913337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75D8F9
RGB	117, 216, 249
RGB Percent	46%, 85%, 98%
CMY	0.5412, 0.1529, 0.0235
CMYK	0.53, 0.13, 0.00, 0.02
HSL	195°, 92%, 72%
HSV	195°, 53%, 98%
XYZ	48.9909, 59.7332, 98.5701
YIQ	190.1610, -69.5970, -10.7250

# Conversions

## Conversions Part 2

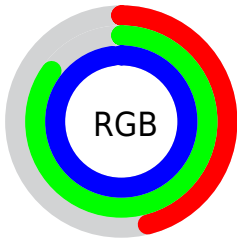
Format	Color
<a href="#">RYB</a>	<a href="#">117, 174, 249</a>
Decimal	<a href="#">7723257</a>
CIELab	<a href="#">81.69, -20.20, -25.04</a>
CIELCh	<a href="#">82, 32.169, 231.110</a>
Yxy	<a href="#">59.7332, 0.2363, 0.2882</a>
Android (android.graphics.Color)	<a href="#">4285913337 (0xFF75D8F9)</a>
YUV	<a href="#">190.1610, 29.0076, -64.1622</a>
Hunter-Lab	<a href="#">77.2873, -22.1051, -21.5158</a>

# Details

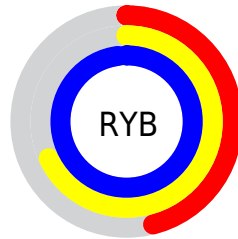
The Android color `4285913337` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294547061`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4289855487`, and `4281573824` is the 20% darker color. If you saturate the color by 10%, you get `4284273401`, and if you desaturate by 10%, it is `4287553273`.

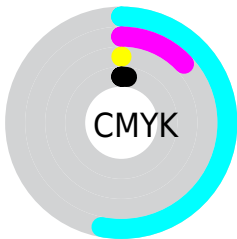
# Distribution



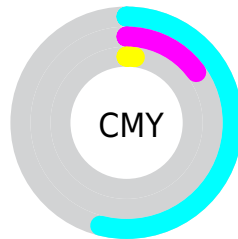
- Red (46%)
- Green (85%)
- Blue (98%)



- Red (46%)
- Yellow (68%)
- Blue (98%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (54%)
- Magenta (15%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285913337 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 4285913337 by changing the saturation by 10% instead.




 4285913337

 4285913337

4294967295

 4283874524

 4289855487

 4281573824

 4291821567

 4278224805

 4293787647

 4278218123

 4278211953

 4278205785

 4278200129

 4278193707

 4278190358

■ 4285913337

■ 4285913337

■ 4284273401

■ 4287553273

■ 4282633465

■ 4289193209

■ 4280993273

■ 4290833401

■ 4279353337

■ 4292473337

■ 4278238201

■ 4294113273

■ 4294966777

■ 4294967289

# Harmonies

## Analogous

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



4285521120



4285913337



4288205311

# Triad

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



4285913337



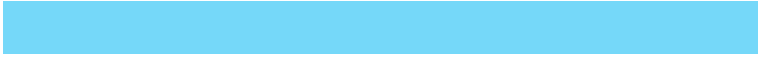
4294948565



4291481746

# Complementary

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



4285913337



4294547061

# 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.



4293510800



4285913337



4294948535

# Square

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



4285913337



4293508337



4294950045



4289255332

# Rectangle

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



4285913337



4290104063



4294950045



4292201872

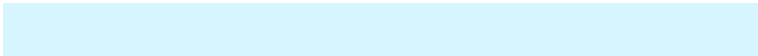


# Sweetspot

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



4285913337



4292277759



4285921686



4284971392



4278190080



4286611584



# Same Dimension

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



4285913337



4284274431



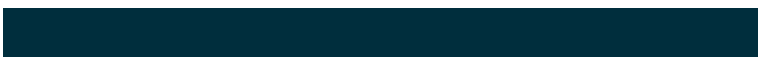
4285896441



4285561469



4278226621



4278201917



# Inverse Universe

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



4294538712



4294925526



4294563957



4286410874



4290576526

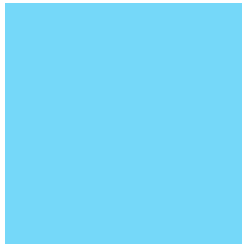


4282187822



# Previews

## White Background



This preview shows how the Android color 4285913337 looks on a white background.

## Color Contrast Check

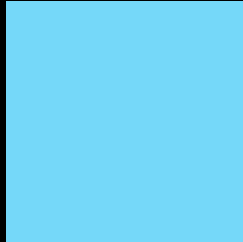
Large Text (above 18pt) WCAG AA × Fail

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 4285913337 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 4285913337 Background



This preview shows how black text looks on a background with the Android color 4285913337.



This preview shows how white text looks on a background with the Android color 4285913337.

# 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



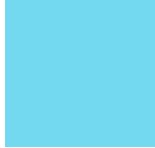
**Original Color**  
4285913337



**Protanomaly**  
4289122034



**Deuteranomaly**  
4289187324

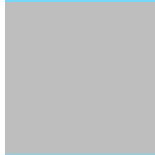


**Tritanomaly**  
4285716977

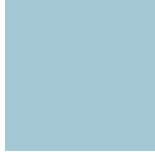
# Monochromacy



**Original Color**  
4285913337



**Achromatopsia**  
4290690750



**Achromatomaly**  
4288923603

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285913337 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, 216, 249)` looks like.

```
.text, #text, p{  
    color:rgb(117, 216, 249)  
}
```

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, 216, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 216, 249) }
```

## Border

The CSS property to change the border of an element to Android 4285913337 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, 216, 249) }
```

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

```
.border{ border-color:rgb(117, 216, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 216, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 216, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 216, 249);  
box-shadow:4px 4px 4px 4px rgb(117, 216,  
249) }
```

# Background

The CSS property to change the background color of an element to Android 4285913337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 216, 249) }
```

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

```
.background{ background-color: rgb(117,  
216, 249) }
```

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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