

# Converting Colors

Android(4285983727)

Have a look what the booklet for  
Android(4285983727) contains.

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# **Color**

**Android(4285983727)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76EBEF
RGB	118, 235, 239
RGB Percent	46%, 92%, 94%
CMY	0.5373, 0.0784, 0.0627
CMYK	0.51, 0.02, 0.00, 0.06
HSL	182°, 79%, 70%
HSV	182°, 51%, 94%
XYZ	52.7595, 69.5002, 92.2955
YIQ	200.4730, -71.0160, -23.5600

# Conversions

## Conversions Part 2

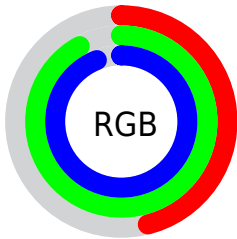
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 177, 239
Decimal	7793647
CIELab	86.75, -31.97, -12.12
CIElCh	87, 34.194, 200.764
Yxy	69.5002, 0.2459, 0.3239
Android (android.graphics.Color)	4285983727 (0xFF76EBEF)
YUV	200.4730, 18.9938, -72.3288
Hunter-Lab	83.3668, -32.9263, -7.2833

# Details

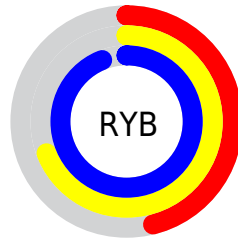
The Android color `4285983727` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4293884534`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4289921023`, and `4281643959` is the 20% darker color. If you saturate the color by 10%, you get `4284410607`, and if you desaturate by 10%, it is `4287556847`.

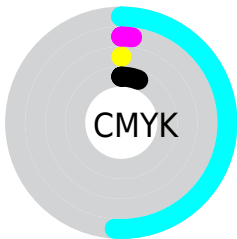
# Distribution



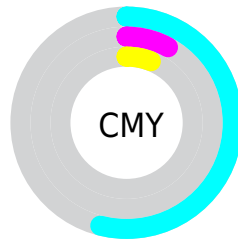
- Red (46%)
- Green (92%)
- Blue (94%)



- Red (46%)
- Yellow (69%)
- Blue (94%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (8%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285983727 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 4285983727 by changing the saturation by 10% instead.



 4285983727

 4285983727

4294967295

 4283944915

 4289921023

 4281643959

 4291887103

 4278229148

 4293853183

 4278222210

 4278215785

 4278209617

 4278203450

 4278198308

 4278190351

■ 4285983727

■ 4285983727

■ 4284410607

■ 4287556847

■ 4282837487

■ 4289129967

■ 4281264623

■ 4290702831

■ 4279691503

■ 4292275951

■ 4278249455

■ 4293783535

■ 4294963439

■ 4294963695

■ 4294963951

# Harmonies

## Analogous

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



4287622094



4285983727



4286375935

# Triad

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



4285983727



4294560255



4294628505

# Complementary

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



4285983727



4293884534

# 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.



4294953384



4285983727



4294951653

# Square

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



4285983727



4291876095



4294951620



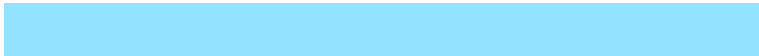
4292468380

# Rectangle

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



4285983727



4287881983



4294951620



4294955165



# Sweetspot

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



4285983727



4292476671



4285984632



4285104000



4278190080



4286611584



# Same Dimension

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



4285983727



4284742399



4285968623



4285298552



4278235832



4278203960



# Inverse Universe

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



4293883627



4294927354



4293899638



4286082167



4290248882

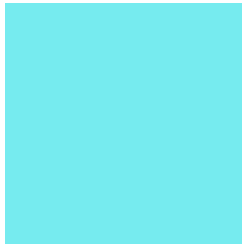


4281860150



# Previews

## White Background



This preview shows how the Android color 4285983727 looks on a white background.

## Color Contrast Check

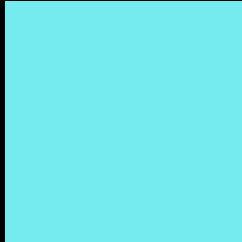
Large Text (above 18pt) WCAG AA × Fail

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 4285983727 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 4285983727 Background



This preview shows how black text looks on a background with the Android color 4285983727.



This preview shows how white text looks on a background with the Android color 4285983727.

# 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



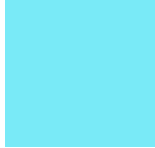
**Original Color**  
4285983727



**Protanomaly**  
4290109159



**Deuteranomaly**  
4290370546

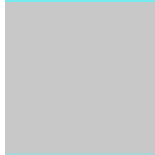


**Tritanomaly**  
4286180087

# Monochromacy



**Original Color**  
4285983727



**Achromatopsia**  
4291348680



**Achromatomaly**  
4289385942

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285983727 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(118, 235, 239)` looks like.

```
.text, #text, p{  
    color:rgb(118, 235, 239)  
}
```

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(118, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 235, 239) }
```

## Border

The CSS property to change the border of an element to Android 4285983727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

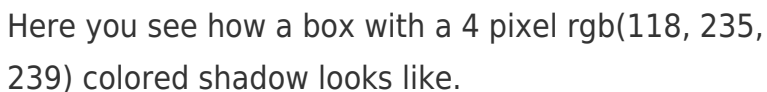
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 235, 239) }
```

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

```
.border{ border-color:rgb(118, 235, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(118, 235,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4285983727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 235, 239) }
```

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

```
.background{ background-color: rgb(118,  
235, 239) }
```

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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