

# Converting Colors

Android(4287092479)

Have a look what the booklet for  
Android(4287092479) contains.

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# **Color**

**Android(4287092479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87D6FF
RGB	135, 214, 255
RGB Percent	53%, 84%, 100%
CMY	0.4706, 0.1608, 0.0000
CMYK	0.47, 0.16, 0.00, 0.00
HSL	200°, 100%, 76%
HSV	200°, 47%, 100%
XYZ	52.0882, 60.4640, 103.5331
YIQ	195.0530, -60.2450, -3.9970

# Conversions

## Conversions Part 2

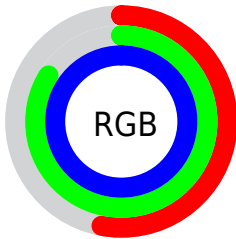
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 183, 255</a>
Decimal	<a href="#">8902399</a>
CIELab	<a href="#">82.09, -13.63, -27.55</a>
CIELCh	<a href="#">82, 30.737, 243.675</a>
Yxy	<a href="#">60.4640, 0.2411, 0.2798</a>
Android (android.graphics.Color)	<a href="#">4287092479 (0xFF87D6FF)</a>
YUV	<a href="#">195.0530, 29.5539, -52.6665</a>
Hunter-Lab	<a href="#">77.7586, -16.5056, -24.5117</a>

# Details

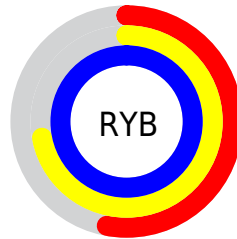
The Android color `4287092479` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294946951`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290904063`, and `4283211718` is the 20% darker color. If you saturate the color by 10%, you get `4285451775`, and if you desaturate by 10%, it is `4288798719`.

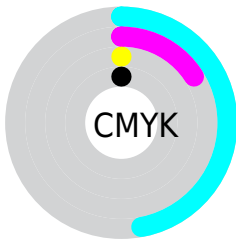
# Distribution



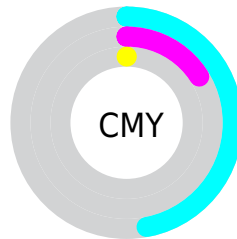
- Red (53%)
- Green (84%)
- Blue (100%)



- Red (53%)
- Yellow (72%)
- Blue (100%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287092479 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 4287092479 by changing the saturation by 10% instead.





4287092479



4287092479

4294967295



4285184738



4290904063



4283211718



4292870143



4280911275

4294836223



4278217872



4278211702



4278205534



4278200134



4278194479



4278190362

■ 4287092479

■ 4287092479

■ 4285451775

■ 4288798719

■ 4283745791

■ 4290439167

■ 4282039551

■ 4292145407

■ 4280398847

■ 4293786111

■ 4278758143

4294967295

■ 4278233343

# Harmonies

## Analogous

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



4285914091



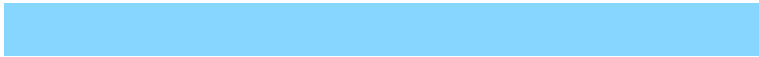
4287092479



4289580799

# Triad

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



4287092479



4294948810



4290696348

# Complementary

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



4287092479



4294946951

# 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.



4292791187



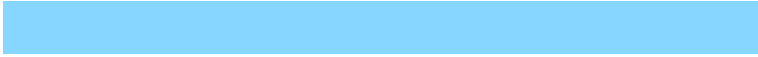
4287092479



4294949550

# Square

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



4287092479



4294228966



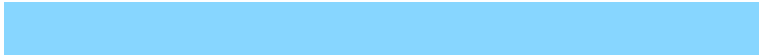
4294427289



4288535218

# Rectangle

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



4287092479



4291348479



4294427289

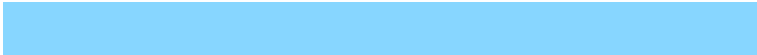


4291416471

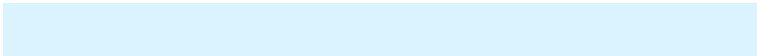


# Sweetspot

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



4287092479



4292604927



4287102895



4285167744



4278190080

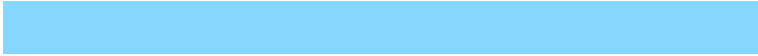


4286611584

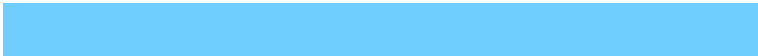


# Same Dimension

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



4287092479



4285583103



4287077375



4285758336



4278222527



4278200896



# Inverse Universe

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



4294936534



4294930638



4294962055



4286608251



4290707582

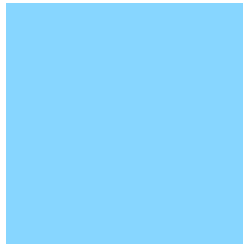


4282384426



# Previews

## White Background



This preview shows how the Android color 4287092479 looks on a white background.

## Color Contrast Check

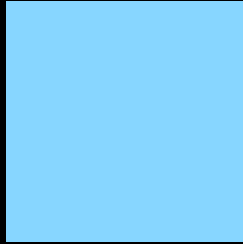
Large Text (above 18pt) WCAG AA × Fail

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 4287092479 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 4287092479 Background



This preview shows how black text looks on a background with the Android color 4287092479.



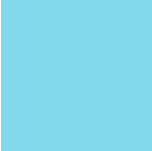
This preview shows how white text looks on a background with the Android color 4287092479.

# 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**  
4286700011

# Trichromacy



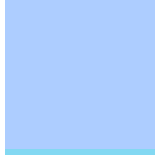
**Original Color**

4287092479



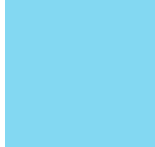
**Protanomaly**

4289515257



**Deuteranomaly**

4289580543



**Tritanomaly**

4286830834

# Monochromacy



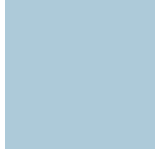
**Original Color**

4287092479



**Achromatopsia**

4291019715



**Achromatomaly**

4289579737

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287092479 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(135, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 214, 255)  
}
```

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(135, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 214, 255) }
```

## Border

The CSS property to change the border of an element to Android 4287092479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

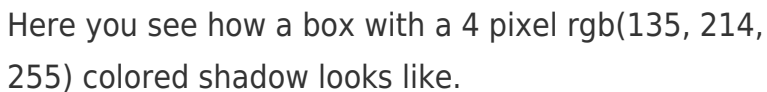
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 214, 255) }
```

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

```
.border{ border-color:rgb(135, 214, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 214, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 214, 255); box-shadow:4px 4px 4px 4px rgb(135, 214, 255) }
```

# Background

The CSS property to change the background color of an element to Android 4287092479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 214, 255) }
```

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

```
.background{ background-color: rgb(135,  
214, 255) }
```

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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