

# Converting Colors

Android(4284995327)

Have a look what the booklet for  
Android(4284995327) contains.

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# **Color**

**Android(4284995327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67D6FF
RGB	103, 214, 255
RGB Percent	40%, 84%, 100%
CMY	0.5961, 0.1608, 0.0000
CMYK	0.60, 0.16, 0.00, 0.00
HSL	196°, 100%, 70%
HSV	196°, 60%, 100%
XYZ	47.6901, 58.1967, 103.3273
YIQ	185.4850, -79.3170, -10.7810

# Conversions

## Conversions Part 2

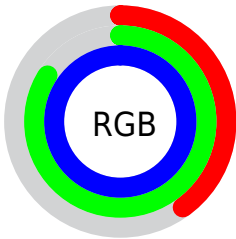
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	103, 167, 255
Decimal	6805247
CIELab	80.85, -20.13, -29.56
CIELCh	81, 35.766, 235.739
Yxy	58.1967, 0.2279, 0.2782
Android (android.graphics.Color)	4284995327 (0xFF67D6FF)
YUV	185.4850, 34.2709, -72.3393
Hunter-Lab	76.2868, -21.9139, -26.9051

# Details

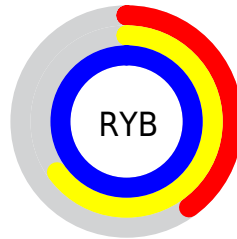
The Android color `4284995327` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294938727`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4289069055`, and `4279410630` is the 20% darker color. If you saturate the color by 10%, you get `4283355135`, and if you desaturate by 10%, it is `4286701055`.

# Distribution



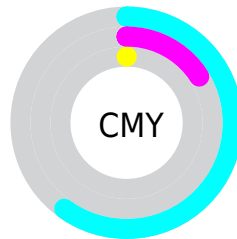
- Red (40%)
- Green (84%)
- Blue (100%)



- Red (40%)
- Yellow (65%)
- Blue (100%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284995327 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 4284995327 by changing the saturation by 10% instead.





4284995327



4284995327

4294967295



4282759906



4289069055



4279410630



4291100671



4278224299



4293066751



4278217872



4278211446



4278205533



4278199878



4278192687



4278190362

■ 4284995327

■ 4284995327

■ 4283355135

■ 4286701055

■ 4281649407

■ 4288341247

■ 4279943679

■ 4289981439

■ 4278303487

■ 4291687167

■ 4278237951

■ 4293392639

4294967295

# Harmonies

## Analogous

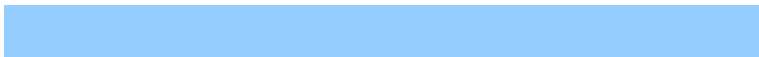
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4284144613



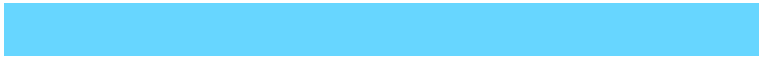
4284995327



4288007679

# Triad

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



4284995327



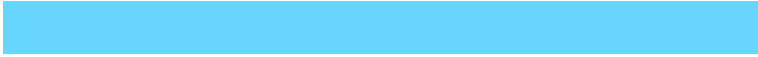
4294947023



4290957196

# Complementary

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



4284995327



4294938727

# 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.



4293182854



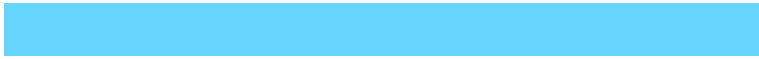
4284995327



4294947245

# Square

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



4284995327



4293900015



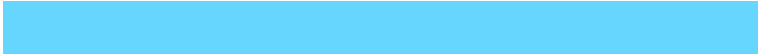
4294883987



4288403362

# Rectangle

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



4284995327



4290234111



4294883987



4291742856

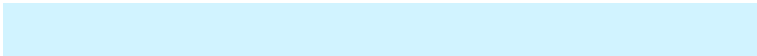


# Sweetspot

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



4284995327



4291949567



4285005712



4284708992



4278190080



4286611584

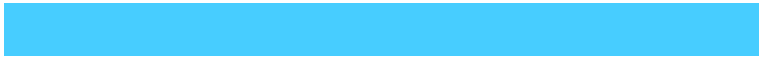


# Same Dimension

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



4284995327



4282895871



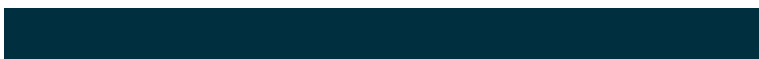
4284975871



4285758592



4278226111



4278202176



# Inverse Universe

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



4294928342



4294920141



4294958183



4286608252



4290707596

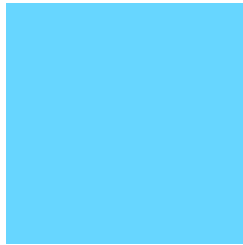


4282384431



# Previews

## White Background



This preview shows how the Android color 4284995327 looks on a white background.

## Color Contrast Check

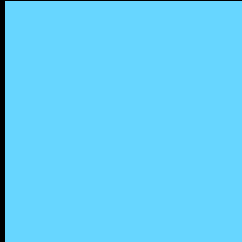
Large Text (above 18pt) WCAG AA × Fail

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 4284995327 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 4284995327 Background



This preview shows how black text looks on a background with the Android color 4284995327.

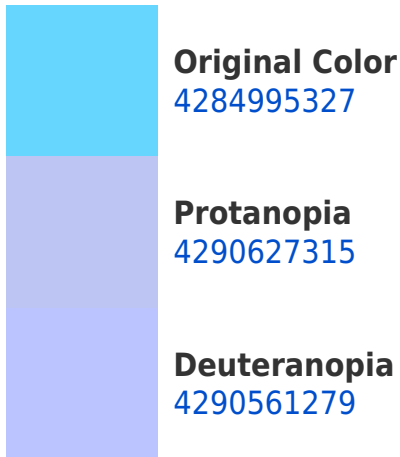


This preview shows how white text looks on a background with the Android color 4284995327.

# 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





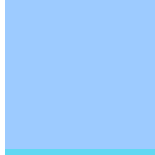
# Trichromacy



**Original Color**  
4284995327



**Protanomaly**  
4288597239



**Deuteranomaly**  
4288531455

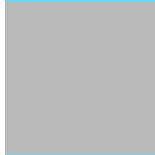


**Tritanomaly**  
4284602610

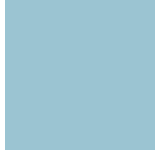
# Monochromacy



**Original Color**  
4284995327



**Achromatopsia**  
4290361785



**Achromatomaly**  
4288398546

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284995327 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(103, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 214, 255) }
```

## Border

The CSS property to change the border of an element to Android 4284995327 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(103, 214, 255) }
```

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

```
.border{ border-color:rgb(103, 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(103, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 214,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4284995327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 214, 255) }
```

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

```
.background{ background-color: rgb(103,  
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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