

# Converting Colors

Android(4284803061)

Have a look what the booklet for  
Android(4284803061) contains.

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# **Color**

**Android(4284803061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64E7F5
RGB	100, 231, 245
RGB Percent	39%, 91%, 96%
CMY	0.6078, 0.0941, 0.0392
CMYK	0.59, 0.06, 0.00, 0.04
HSL	186°, 88%, 68%
HSV	186°, 59%, 96%
XYZ	50.3129, 66.4537, 96.5613
YIQ	193.4270, -82.5700, -23.4180

# Conversions

## Conversions Part 2

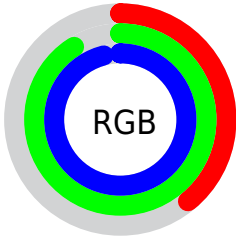
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 169, 245</a>
Decimal	<a href="#">6612981</a>
CIELab	<a href="#">85.23, -31.86, -17.62</a>
CIELCh	<a href="#">85, 36.406, 208.949</a>
Yxy	<a href="#">66.4537, 0.2358, 0.3115</a>
Android (android.graphics.Color)	<a href="#">4284803061 (0xFF64E7F5)</a>
YUV	<a href="#">193.4270, 25.4255, -81.9355</a>
Hunter-Lab	<a href="#">81.5192, -32.4900, -13.1669</a>

# Details

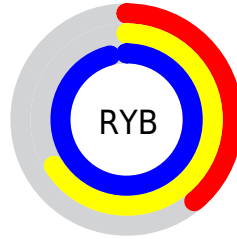
The Android color `4284803061` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294275684`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4288937983`, and `4278366141` is the 20% darker color. If you saturate the color by 10%, you get `4283229685`, and if you desaturate by 10%, it is `4286441973`.

# Distribution



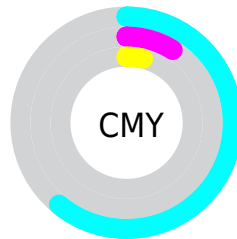
- Red (39%)
- Green (91%)
- Blue (96%)



- Red (39%)
- Yellow (66%)
- Blue (96%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (61%)
- Magenta (9%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284803061 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 4284803061 by changing the saturation by 10% instead.



 4284803061

 4284803061

4294967295

 4282436569

 4288937983

 4278366141

 4290969599

 4278228130

 4292935679

 4278221447

 4278215022

 4278208598

 4278202687

 4278197289

 4278190356

■ 4284803061

■ 4284803061

■ 4283229685

■ 4286441973

■ 4281590517

■ 4288015605

■ 4279951605

■ 4289654517

■ 4278378229

■ 4291227893

■ 4278246901

■ 4292867061

■ 4294440437

■ 4294965493

■ 4294966005

■ 4294966517

# Harmonies

## Analogous

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



4286310610



4284803061



4285981439

# Triad

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



4284803061



4294951417



4293841552

# Complementary

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



4284803061



4294275684

# 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.



4294952859



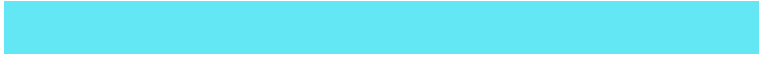
4284803061



4294949847

# Square

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



4284803061



4292398335



4294950581



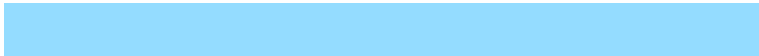
4291485080

# Rectangle

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



4284803061



4287945983



4294950581



4294561426



# Sweetspot

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



4284803061



4291951615



4284806512



4284710272



4278190080



4286611584



# Same Dimension

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



4284803061



4283100927



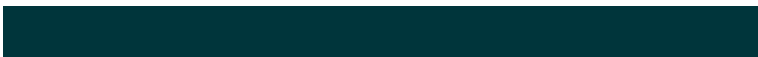
4284784885



4285430138



4278233274



4278203707



# Inverse Universe

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



4294272231



4294920942



4294293860



4286213753



4290379944

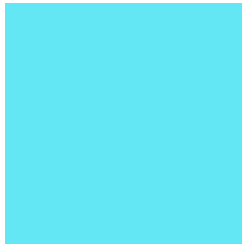


4282056757



# Previews

## White Background



This preview shows how the Android color 4284803061 looks on a white background.

## Color Contrast Check

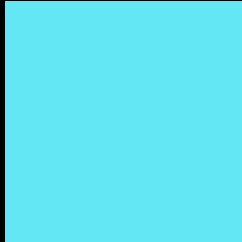
Large Text (above 18pt) WCAG AA × Fail

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 4284803061 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

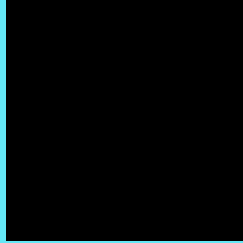
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284803061 Background



This preview shows how black text looks on a background with the Android color 4284803061.

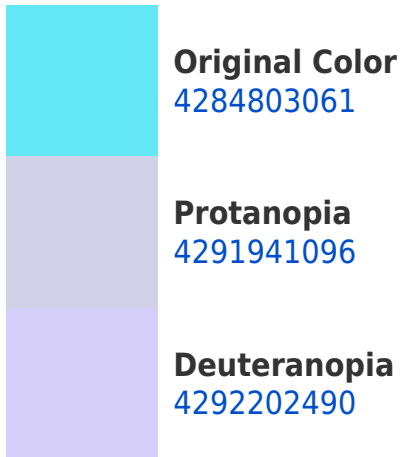


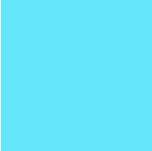
This preview shows how white text looks on a background with the Android color 4284803061.

# 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



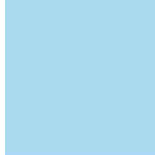


**Tritanopia**  
4284933881

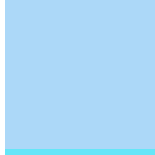
# Trichromacy



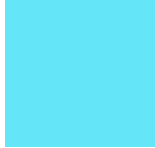
**Original Color**  
4284803061



**Protanomaly**  
4289321709



**Deuteranomaly**  
4289517816

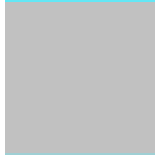


**Tritanomaly**  
4284868344

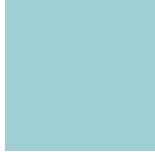
# Monochromacy



**Original Color**  
4284803061



**Achromatopsia**  
4290888129



**Achromatomaly**  
4288663508

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284803061 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(100, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(100, 231, 245)  
}
```

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(100, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 231, 245) }
```

## Border

The CSS property to change the border of an element to Android 4284803061 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(100, 231, 245) }
```

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

```
.border{ border-color:rgb(100, 231, 245) }
```

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

Here you see how a box with a 4 pixel rgb(100, 231, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(100, 231,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4284803061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 231, 245) }
```

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

```
.background{ background-color: rgb(100,  
231, 245) }
```

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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