

# Converting Colors

Android(4284606463)

Have a look what the booklet for  
Android(4284606463) contains.

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# **Color**

**Android(4284606463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E7FF
RGB	97, 231, 255
RGB Percent	38%, 91%, 100%
CMY	0.6196, 0.0941, 0.0000
CMYK	0.62, 0.09, 0.00, 0.00
HSL	189°, 100%, 69%
HSV	189°, 62%, 100%
XYZ	51.5557, 66.9132, 104.8060
YIQ	193.6700, -87.5680, -20.9440

# Conversions

## Conversions Part 2

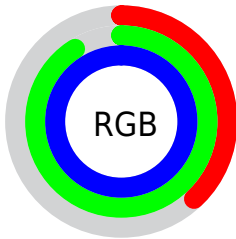
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 170, 255
Decimal	6416383
CIE <sub>Lab</sub>	85.46, -29.56, -22.54
CIE <sub>LCh</sub>	85, 37.171, 217.330
Yxy	66.9132, 0.2309, 0.2997
Android (android.graphics.Color)	4284606463 (0xFF61E7FF)
YUV	193.6700, 30.2357, -84.7796
Hunter-Lab	81.8005, -30.6493, -18.7043

# Details

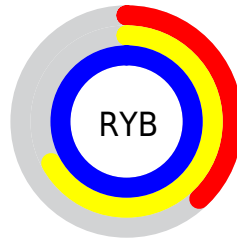
The Android color `4284606463` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294932833`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4288806911`, and `4278235078` is the 20% darker color. If you saturate the color by 10%, you get `4282901503`, and if you desaturate by 10%, it is `4286245887`.

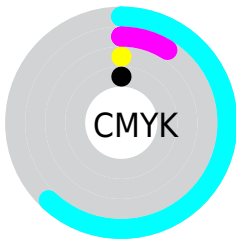
# Distribution



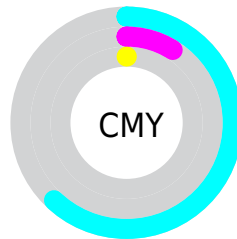
- Red (38%)
- Green (91%)
- Blue (100%)



- Red (38%)
- Yellow (67%)
- Blue (100%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284606463 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 4284606463 by changing the saturation by 10% instead.



 4284606463

 4284606463

4294967295

 4282108898

 4288806911

 4278235078

 4290838527

 4278228139

 4292870143

 4278221456

 4278215031

 4278208862

 4278202694

 4278197552

 4278190363

■ 4284606463

■ 4284606463

■ 4282901503

■ 4286245887

■ 4281262079

■ 4287950847

■ 4279557119

■ 4289655807

■ 4278245631

■ 4291294975

■ 4292999935

■ 4294639359

4294967295

# Harmonies

## Analogous

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



4285524445



4284606463



4286636543

# Triad

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



4284606463



4294950897



4293318287

# Complementary

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



4284606463



4294932833

# 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.



4294953621



4284606463



4294949838

# Square

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



4284606463



4293315071



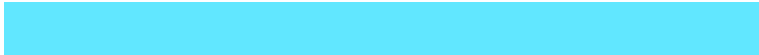
4294951085



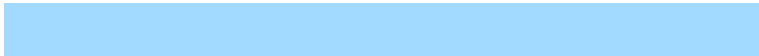
4290764957

# Rectangle

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



4284606463



4288862975



4294951085



4294038159

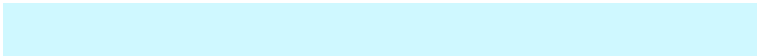


# Sweetspot

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



4284606463



4291819775



4284612473



4284644224



4278190080

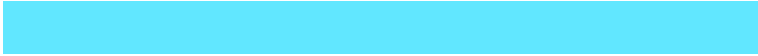


4286611584

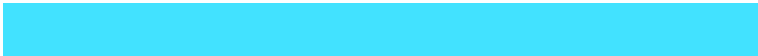


# Same Dimension

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



4284606463



4282573567



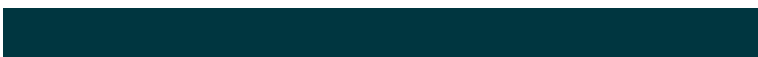
4284586239



4285759104



4278231743



4278203968



# Inverse Universe

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



4294926823



4294918882



4294953057



4286608254



4290707618

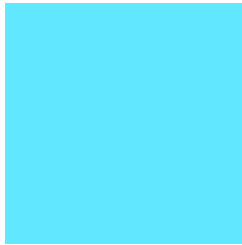


4282384438



# Previews

## White Background



This preview shows how the Android color 4284606463 looks on a white background.

## Color Contrast Check

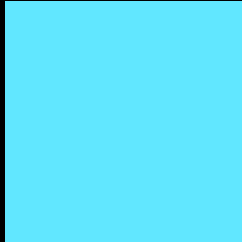
Large Text (above 18pt) WCAG AA × Fail

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 4284606463 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 4284606463 Background



This preview shows how black text looks on a background with the Android color 4284606463.



This preview shows how white text looks on a background with the Android color 4284606463.

# 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**

4284606463



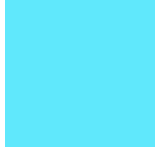
**Protanomaly**

4289190646



**Deuteranomaly**

4289255679



**Tritanomaly**

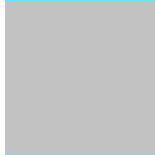
4284541180

# Monochromacy



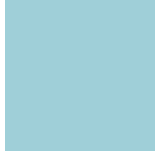
**Original Color**

4284606463



**Achromatopsia**

4290953922



**Achromatomaly**

4288663512

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284606463 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(97, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(97, 231, 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(97, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 231, 255) }
```

## Border

The CSS property to change the border of an element to Android 4284606463 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(97, 231, 255) }
```

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

```
.border{ border-color:rgb(97, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(97, 231,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4284606463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 231, 255) }
```

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

```
.background{ background-color: rgb(97, 231,  
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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