

# Converting Colors

Android(4284731897)

Have a look what the booklet for  
Android(4284731897) contains.

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# **Color**

**Android(4284731897)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63D1F9
RGB	99, 209, 249
RGB Percent	39%, 82%, 98%
CMY	0.6118, 0.1804, 0.0235
CMYK	0.60, 0.16, 0.00, 0.02
HSL	196°, 93%, 68%
HSV	196°, 60%, 98%
XYZ	45.0449, 55.0931, 97.8825
YIQ	180.6700, -78.4000, -10.8800

# Conversions

## Conversions Part 2

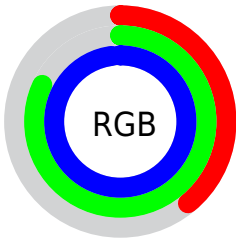
Format	Color
R <sub>Y</sub> B	99, 162, 249
Decimal	6541817
CIE Lab	79.09, -20.06, -29.07
CIE LCh	79, 35.320, 235.384
Yxy	55.0931, 0.2275, 0.2782
Android (android.graphics.Color)	4284731897 (0xFF63D1F9)
YUV	180.6700, 33.6867, -71.6246
Hunter-Lab	74.2247, -21.5666, -26.2302

# Details

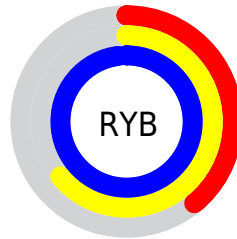
The Android color `4284731897` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294544227`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4288806911`, and `4278688448` is the 20% darker color. If you saturate the color by 10%, you get `4283091705`, and if you desaturate by 10%, it is `4286372089`.

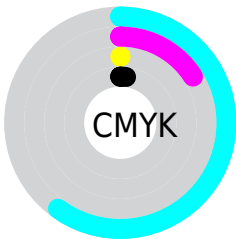
# Distribution



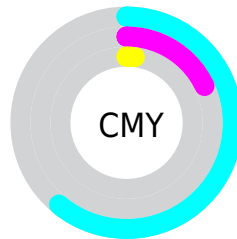
- Red (39%)
- Green (82%)
- Blue (98%)



- Red (39%)
- Yellow (64%)
- Blue (98%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (61%)
- Magenta (18%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284731897 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 4284731897 by changing the saturation by 10% instead.





4284731897



4284731897

4294967295



4282430940



4288806911



4278688448



4290838527



4278223013



4292804607



4278216587

4294836223



4278210417



4278204504



4278199105



4278190891



4278190357

■ 4284731897

■ 4284731897

■ 4283091705

■ 4286372089

■ 4281451769

■ 4288012025

■ 4279811577

■ 4289652217

■ 4278237177

■ 4291292409

■ 4292932345

■ 4294507001

■ 4294967289

# Harmonies

## Analogous

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



4283880927



4284731897



4287678975

# Triad

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



4284731897



4294945994



4290693768

# Complementary

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



4284731897



4294544227

# 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.



4292853890



4284731897



4294946217

# Square

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



4284731897



4293505770



4294555023



4288205470

# Rectangle

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



4284731897



4289839615



4294555023



4291479428

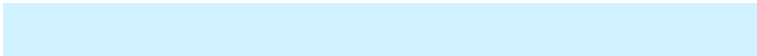


# Sweetspot

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



4284731897



4291949567



4284742027



4284708992



4278190080



4286611584



# Same Dimension

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



4284731897



4282896127



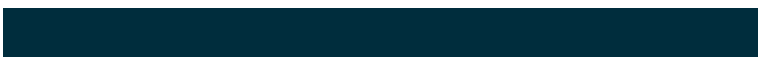
4284712697



4285561469



4278225597



4278201661



# Inverse Universe

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



4294534097



4294920142



4294563427



4286410874



4290576522

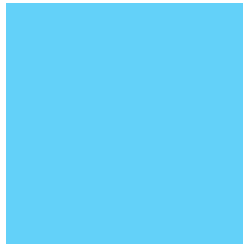


4282187821



# Previews

## White Background



This preview shows how the Android color 4284731897 looks on a white background.

## Color Contrast Check

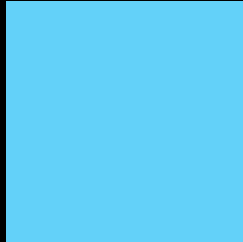
Large Text (above 18pt) WCAG AA × Fail

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 4284731897 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 4284731897 Background



This preview shows how black text looks on a background with the Android color 4284731897.

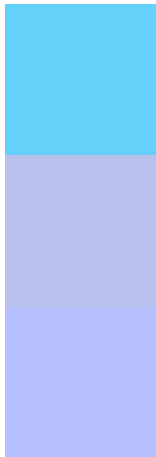


This preview shows how white text looks on a background with the Android color 4284731897.

# 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



**Original Color**  
4284731897

**Protanopia**  
4290298350

**Deuteranopia**  
4290166781



**Tritanopia**  
4284142822

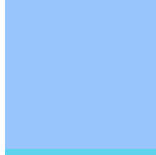
# Trichromacy



**Original Color**  
4284731897



**Protanomaly**  
4288268274

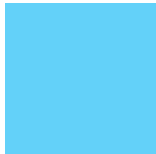


**Deuteranomaly**  
4288202492

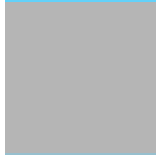


**Tritanomaly**  
4284339181

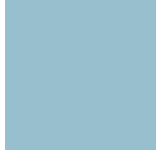
# Monochromacy



**Original Color**  
4284731897



**Achromatopsia**  
4290098613



**Achromatomaly**  
4288135118

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284731897 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(99, 209, 249)` looks like.

```
.text, #text, p{  
    color:rgb(99, 209, 249)  
}
```

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(99, 209, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 209, 249) }
```

## Border

The CSS property to change the border of an element to Android 4284731897 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(99, 209, 249) }
```

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

```
.border{ border-color:rgb(99, 209, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 209, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 209, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 209, 249);  
box-shadow:4px 4px 4px 4px rgb(99, 209,  
249) }
```

# Background

The CSS property to change the background color of an element to Android 4284731897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 209, 249) }
```

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

```
.background{ background-color: rgb(99, 209,  
249) }
```

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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