

# Converting Colors

Android(4284401643)

Have a look what the booklet for  
Android(4284401643) contains.

<b>Android(4284401643)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4284401643)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC7EB
RGB	94, 199, 235
RGB Percent	37%, 78%, 92%
CMY	0.6314, 0.2196, 0.0784
CMYK	0.60, 0.15, 0.00, 0.08
HSL	195°, 78%, 65%
HSV	195°, 60%, 92%
XYZ	40.0349, 49.2247, 85.9885
YIQ	171.7090, -74.1360, -11.0640

# Conversions

## Conversions Part 2

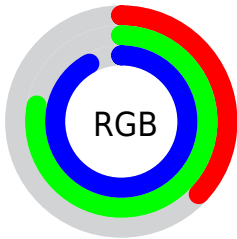
Format	Color
R <sub>Y</sub> B	94, 154, 235
Decimal	6211563
CIE Lab	75.59, -19.98, -26.95
CIE LCh	76, 33.552, 233.441
Yxy	49.2247, 0.2284, 0.2809
Android (android.graphics.Color)	4284401643 (0xFF5EC7EB)
YUV	171.7090, 31.2025, -68.1508
Hunter-Lab	70.1603, -20.9248, -23.5536

# Details

The Android color `4284401643` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted cyan. A complement of this color would be `4293624414`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4288413695`, and `4278227379` is the 20% darker color. If you saturate the color by 10%, you get `4282892779`, and if you desaturate by 10%, it is `4285976043`.

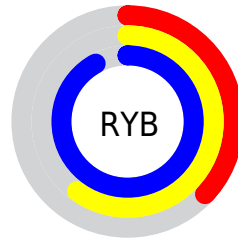
# Distribution



Red (37%)

Green (78%)

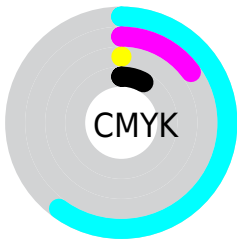
Blue (92%)



Red (37%)

Yellow (60%)

Blue (92%)

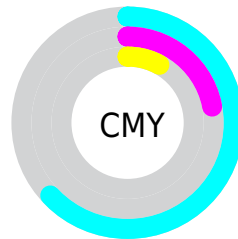


Cyan (60%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (63%)

Magenta (22%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284401643 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 4284401643 by changing the saturation by 10% instead.



 4284401643

 4284401643

4294967295

 4282166479

 4288413695

 4278227379

 4290379775

 4278220696

 4292411391

 4278214270

 4294377471

 4278208101

 4278202445

 4278197558

 4278190625

 4278190085

■ 4284401643

■ 4284401643

■ 4282892779

■ 4285976043

■ 4281318379

■ 4287484907

■ 4279743979

■ 4288993771

■ 4278235115

■ 4290568171

■ 4292077035

■ 4293651435

■ 4294963691

■ 4294965227

■ 4294966763

# Harmonies

## Analogous

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



4283812818



4284401643



4287086583

# Triad

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



4284401643



4294091970



4290232449

# Complementary

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



4284401643



4293624414

# 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.



4292261501



4284401643



4294485155

# Square

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



4284401643



4292586207



4293766282



4287874964

# Rectangle

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



4284401643



4289116406



4293766282



4290952574

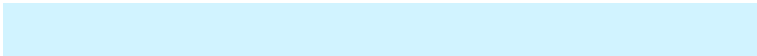


# Sweetspot

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



4284401643



4291949567



4284410753



4284708992



4278190080



4286611584



# Same Dimension

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



4284401643



4282896639



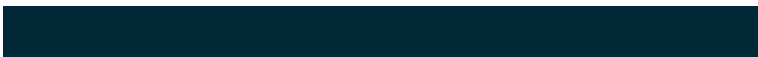
4284383723



4285166197



4278224821



4278200374



# Inverse Universe

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



4293615303



4294920144



4293642334



4285885042



4290052231

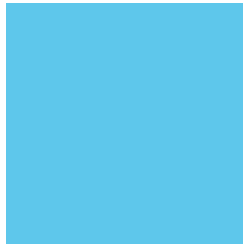


4281729064



# Previews

## White Background



This preview shows how the Android color 4284401643 looks on a white background.

## Color Contrast Check

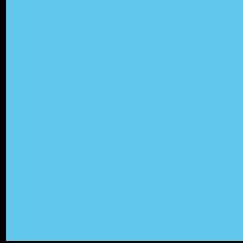
Large Text (above 18pt) WCAG AA × Fail

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 4284401643 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 4284401643 Background



This preview shows how black text looks on a background with the Android color 4284401643.

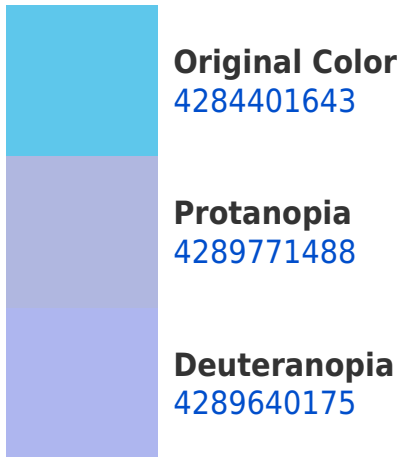


This preview shows how white text looks on a background with the Android color 4284401643.

# 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

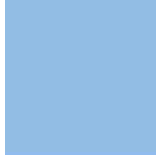




# Trichromacy



**Original Color**  
4284401643



**Protanomaly**  
4287806948



**Deuteranomaly**  
4287741166



**Tritanomaly**  
4284140000

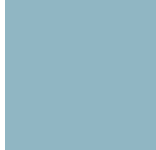
# Monochromacy



**Original Color**  
4284401643



**Achromatopsia**  
4289506476



**Achromatomaly**  
4287674051

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284401643 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(94, 199, 235)` looks like.

```
.text, #text, p{  
    color:rgb(94, 199, 235)  
}
```

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(94, 199, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 199, 235) }
```

## Border

The CSS property to change the border of an element to Android 4284401643 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(94, 199, 235) }
```

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

```
.border{ border-color:rgb(94, 199, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 199, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 199, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 199, 235); box-shadow:4px 4px 4px 4px rgb(94, 199, 235) }
```

# Background

The CSS property to change the background color of an element to Android 4284401643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 199, 235) }
```

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

```
.background{ background-color: rgb(94, 199,  
235) }
```

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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