

# Converting Colors

Android(4284859619)

Have a look what the booklet for  
Android(4284859619) contains.

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# **Color**

**Android(4284859619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65C4E3
RGB	101, 196, 227
RGB Percent	40%, 77%, 89%
CMY	0.6039, 0.2314, 0.1098
CMYK	0.56, 0.14, 0.00, 0.11
HSL	195°, 69%, 64%
HSV	195°, 56%, 89%
XYZ	38.9719, 47.7926, 79.8439
YIQ	171.1290, -66.5710, -10.4990

# Conversions

## Conversions Part 2

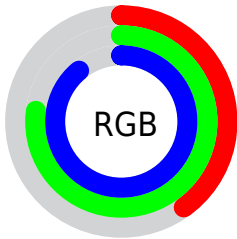
Format	Color
<a href="#">RYB</a>	<a href="#">101, 155, 227</a>
Decimal	<a href="#">6669539</a>
CIELab	<a href="#">74.69, -19.47, -23.98</a>
CIElCh	<a href="#">75, 30.890, 230.937</a>
Yxy	<a href="#">47.7926, 0.2339, 0.2869</a>
Android (android.graphics.Color)	<a href="#">4284859619 (0xFF65C4E3)</a>
YUV	<a href="#">171.1290, 27.5444, -61.5031</a>
Hunter-Lab	<a href="#">69.1322, -20.3556, -20.0842</a>

# Details

The Android color `4284859619` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293100645`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4288740863`, and `4280192684` is the 20% darker color. If you saturate the color by 10%, you get `4283350755`, and if you desaturate by 10%, it is `4286368483`.

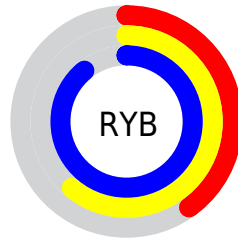
# Distribution



Red (40%)

Green (77%)

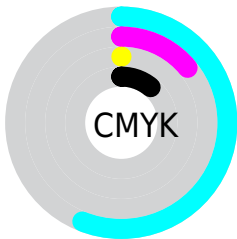
Blue (89%)



Red (40%)

Yellow (61%)

Blue (89%)

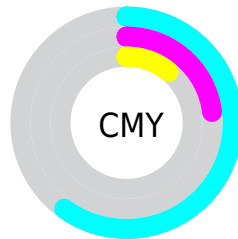


Cyan (56%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (23%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284859619 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 4284859619 by changing the saturation by 10% instead.





4284859619



4284859619

4294967295



4282755527



4288740863



4280192684



4290707455



4278219921



4292673535



4278213751



4294639615



4278207582



4278201671



4278197040



4278190363



4278190080

■ 4284859619

■ 4284859619

■ 4283350755

■ 4286368483

■ 4281907683

■ 4287811555

■ 4280398819

■ 4289320419

■ 4278890211

■ 4290829027

■ 4278234083

■ 4292337891

■ 4293781219

■ 4294962147

■ 4294963683

■ 4294964963

# Harmonies

## Analogous

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



4284532683



4284859619



4287020527

# Triad

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



4284859619



4293567682



4290231426

# Complementary

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



4284859619



4293100645

# 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.



4292129664



4284859619



4294026405

# Square

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



4284859619



4292127452



4293503629



4288136083

# Rectangle

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



4284859619



4288853999



4293503629



4290886016

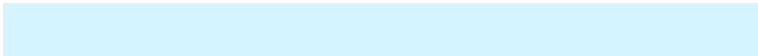


# Sweetspot

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



4284859619



4292146431



4284867458



4284905856



4278190080



4286611584



# Same Dimension

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



4284859619



4283749887



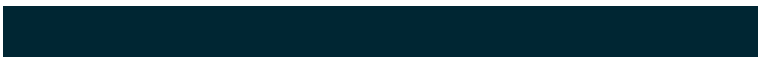
4284844003



4284969075



4278224819



4278199859



# Inverse Universe

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



4293092804



4294923477



4293116261



4285753200



4289921159

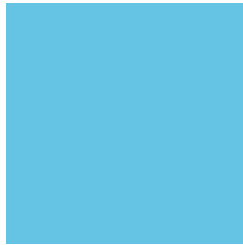


4281532454



# Previews

## White Background



This preview shows how the Android color 4284859619 looks on a white background.

## Color Contrast Check

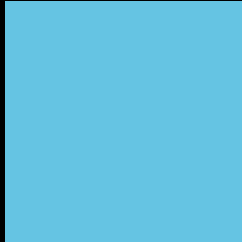
Large Text (above 18pt) WCAG AA × Fail

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 4284859619 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 4284859619 Background



This preview shows how black text looks on a background with the Android color 4284859619.



This preview shows how white text looks on a background with the Android color 4284859619.

# 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**  
4284859619



**Protanomaly**  
4287937245



**Deuteranomaly**  
4288002534

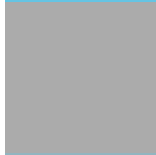


**Tritanomaly**  
4284663259

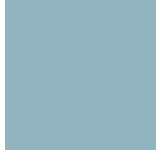
# Monochromacy



**Original Color**  
4284859619



**Achromatopsia**  
4289440683



**Achromatomaly**  
4287804607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284859619 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(101, 196, 227)` looks like.

```
.text, #text, p{  
    color:rgb(101, 196, 227)  
}
```

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(101, 196, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 196, 227) }
```

## Border

The CSS property to change the border of an element to Android 4284859619 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(101, 196, 227) }
```

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

```
.border{ border-color:rgb(101, 196, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 196, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 196, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 196, 227);  
box-shadow:4px 4px 4px 4px rgb(101, 196,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4284859619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 196, 227) }
```

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

```
.background{ background-color: rgb(101,  
196, 227) }
```

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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