

# Converting Colors

Android(4283023615)

Have a look what the booklet for  
Android(4283023615) contains.

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# **Color**

**Android(4283023615)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49C0FF
RGB	73, 192, 255
RGB Percent	29%, 75%, 100%
CMY	0.7137, 0.2471, 0.0000
CMYK	0.71, 0.25, 0.00, 0.00
HSL	201°, 100%, 64%
HSV	201°, 71%, 100%
XYZ	39.6473, 46.3357, 101.4618
YIQ	163.6010, -91.1470, -5.6350

# Conversions

## Conversions Part 2

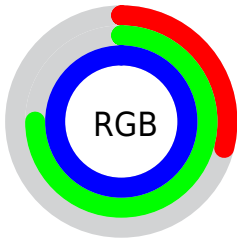
Format	Color
RYP	73, 145, 255
Decimal	4833535
CIELab	73.76, -13.32, -40.59
CIElCh	74, 42.715, 251.831
Yxy	46.3357, 0.2115, 0.2472
Android (android.graphics.Color)	4283023615 (0xFF49C0FF)
YUV	163.6010, 45.0597, -79.4571
Hunter-Lab	68.0704, -15.1566, -40.7250

# Details

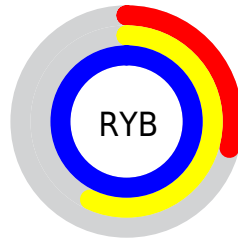
The Android color `4283023615` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294936649`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4287559935`, and `4278225862` is the 20% darker color. If you saturate the color by 10%, you get `4281382911`, and if you desaturate by 10%, it is `4284664319`.

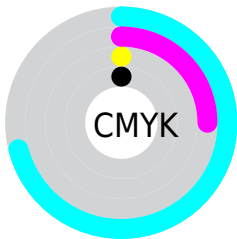
# Distribution



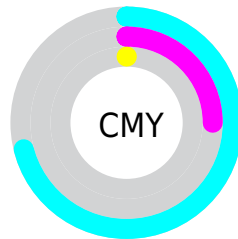
- Red (29%)
- Green (75%)
- Blue (100%)



- Red (29%)
- Yellow (57%)
- Blue (100%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283023615 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 4283023615 by changing the saturation by 10% instead.





4283023615



4283023615

4294967295



4279412194



4287559935



4278225862



4289593343



4278219178



4291624959



4278213008



4293656575



4278207094



4278201437



4278196549



4278191150



4278190360

■ 4283023615

■ 4283023615

■ 4281382911

■ 4284664319

■ 4279676671

■ 4286370559

■ 4278233087

■ 4288011007

■ 4289717247

■ 4291423487

■ 4293064191

■ 4294704895

4294967295

# Harmonies

## Analogous

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



4278241256



4283023615



4288001279

# Triad

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



4283023615



4294940327



4287939193

# Complementary

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



4283023615



4294936649

# 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.



4290754663



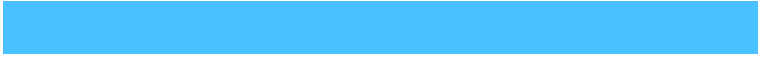
4283023615



4294614659

# Square

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



4283023615



4294089167



4293110635



4284598428

# Rectangle

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



4283023615



4290554616



4293110635



4288921457

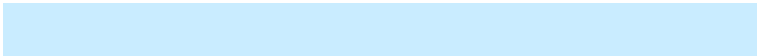


# Sweetspot

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



4283023615



4291423487



4283039622



4284511360



4278190080



4286611584



# Same Dimension

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



4283023615



4280595455



4283000831



4285758336



4278222271



4278200896



# Inverse Universe

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



4294920640



4294911155



4294959433



4286608251



4290707581

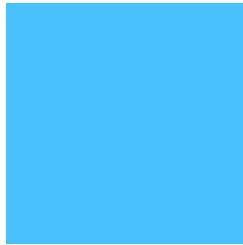


4282384426



# Previews

## White Background



This preview shows how the Android color 4283023615 looks on a white background.

## Color Contrast Check

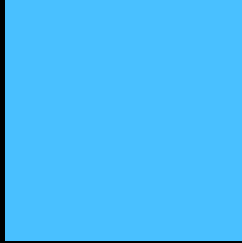
Large Text (above 18pt) WCAG AA × Fail

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 4283023615 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

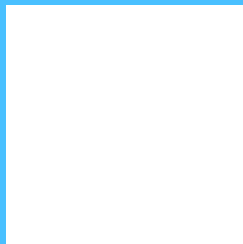
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283023615 Background



This preview shows how black text looks on a background with the Android color 4283023615.



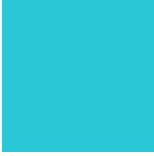
This preview shows how white text looks on a background with the Android color 4283023615.

# 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**  
4280993751

# Trichromacy



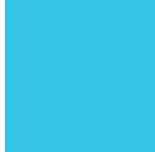
**Original Color**  
4283023615



**Protanomaly**  
4286691320



**Deuteranomaly**  
4286298111



**Tritanomaly**  
4281713894

# Monochromacy



**Original Color**  
4283023615



**Achromatopsia**  
4288980132



**Achromatomaly**  
4286820037

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283023615 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(73, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(73, 192, 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(73, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 192, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283023615 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(73, 192, 255) }
```

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

```
.border{ border-color:rgb(73, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(73, 192,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283023615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 192, 255) }
```

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

```
.background{ background-color: rgb(73, 192,  
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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