

# Converting Colors

Android(4283155685)

Have a look what the booklet for  
Android(4283155685) contains.

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# **Color**

**Android(4283155685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BC4E5
RGB	75, 196, 229
RGB Percent	29%, 77%, 90%
CMY	0.7059, 0.2314, 0.1020
CMYK	0.67, 0.14, 0.00, 0.10
HSL	193°, 75%, 60%
HSV	193°, 67%, 90%
XYZ	36.7844, 46.6329, 81.1910
YIQ	163.5830, -82.7090, -15.3890

# Conversions

## Conversions Part 2

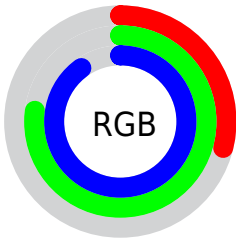
Format	Color
<a href="#">RYB</a>	<a href="#">75, 143, 229</a>
Decimal	<a href="#">4965605</a>
CIELab	<a href="#">73.95, -23.36, -26.27</a>
CIELCh	<a href="#">74, 35.154, 228.351</a>
Yxy	<a href="#">46.6329, 0.2235, 0.2833</a>
Android (android.graphics.Color)	<a href="#">4283155685 (0xFF4BC4E5)</a>
YUV	<a href="#">163.5830, 32.2506, -77.6873</a>
Hunter-Lab	<a href="#">68.2883, -23.3529, -22.6908</a>

# Details

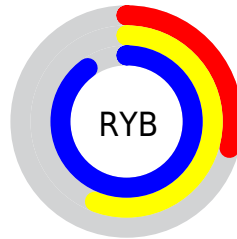
The Android color `4283155685` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4293225547`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4287430143`, and `4278226605` is the 20% darker color. If you saturate the color by 10%, you get `4281647077`, and if you desaturate by 10%, it is `4284664293`.

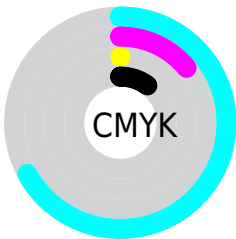
# Distribution



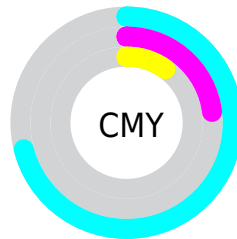
- Red (29%)
- Green (77%)
- Blue (90%)



- Red (29%)
- Yellow (56%)
- Blue (90%)



- Cyan (67%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)


















- Cyan (71%)
- Magenta (23%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283155685 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 4283155685 by changing the saturation by 10% instead.



 4283155685	 4283155685
4294967295	 4280265161
 4287430143	 4278226605
 4289462271	 4278219923
 4291428351	 4278213497
 4293459967	 4278207584
	 4278201672
	 4278196529
	 4278190620
	 4278190080

■ 4283155685

■ 4283155685

■ 4281647077

■ 4284664293

■ 4280138469

■ 4286172901

■ 4278629861

■ 4287681509

■ 4278236389

■ 4289190117

■ 4290698725

■ 4292141541

■ 4293650149

■ 4294962149

■ 4294963429

# Harmonies

## Analogous

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



4283090889



4283155685



4285971956

# Triad

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



4283155685



4293763012



4290296440

# Complementary

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



4283155685



4293225547

# 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.



4292325239



4283155685



4294352547

# Square

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



4283155685



4291995617



4293764487



4287873674

# Rectangle

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



4283155685



4288198389



4293764487



4291016565

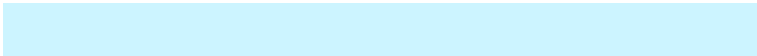


# Sweetspot

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



4283155685



4291622143



4283164010



4284578176



4278190080



4286611584



# Same Dimension

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



4283155685



4281390079



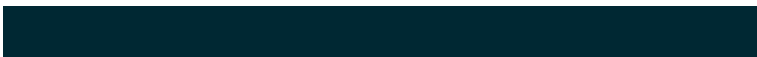
4283136485



4284969075



4278226099



4278200371



# Inverse Universe

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



4293217220



4294914259



4293244747



4285753200



4289921164

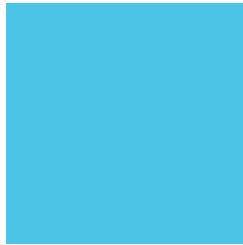


4281532456



# Previews

## White Background



This preview shows how the Android color 4283155685 looks on a white background.

## Color Contrast Check

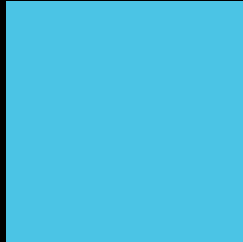
Large Text (above 18pt) WCAG AA × Fail

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 4283155685 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 4283155685 Background



This preview shows how black text looks on a background with the Android color 4283155685.



This preview shows how white text looks on a background with the Android color 4283155685.

# 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**

4283155685



**Protanomaly**

4287216093



**Deuteranomaly**

4287084776



**Tritanomaly**

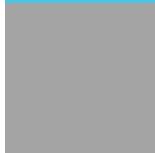
4282828252

# Monochromacy



**Original Color**

4283155685



**Achromatopsia**

4288980132



**Achromatomaly**

4286886076

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283155685 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(75, 196, 229)` looks like.

```
.text, #text, p{  
    color:rgb(75, 196, 229)  
}
```

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(75, 196, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 196, 229) }
```

## Border

The CSS property to change the border of an element to Android 4283155685 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(75, 196, 229) }
```

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

```
.border{ border-color:rgb(75, 196, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 196, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 196, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 196, 229);  
box-shadow:4px 4px 4px 4px rgb(75, 196,  
229) }
```

# Background

The CSS property to change the background color of an element to Android 4283155685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 196, 229) }
```

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

```
.background{ background-color: rgb(75, 196,  
229) }
```

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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