

# Converting Colors

Android(4283158783)

Have a look what the booklet for  
Android(4283158783) contains.

<b>Android(4283158783)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4283158783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BD0FF
RGB	75, 208, 255
RGB Percent	29%, 82%, 100%
CMY	0.7059, 0.1843, 0.0000
CMYK	0.71, 0.18, 0.00, 0.00
HSL	196°, 100%, 65%
HSV	196°, 71%, 100%
XYZ	43.5075, 53.8276, 102.7044
YIQ	173.5910, -94.3550, -13.5790

# Conversions

## Conversions Part 2

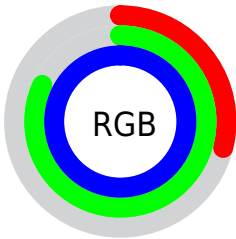
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 151, 255
Decimal	4968703
CIELab	78.36, -21.39, -33.45
CIELCh	78, 39.704, 237.407
Yxy	53.8276, 0.2175, 0.2691
Android (android.graphics.Color)	4283158783 (0xFF4BD0FF)
YUV	173.5910, 40.1346, -86.4643
Hunter-Lab	73.3673, -22.5405, -31.6410

# Details

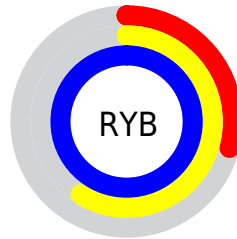
The Android color `4283158783` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294933067`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4287692799`, and `4278229446` is the 20% darker color. If you saturate the color by 10%, you get `4281518591`, and if you desaturate by 10%, it is `4284864511`.

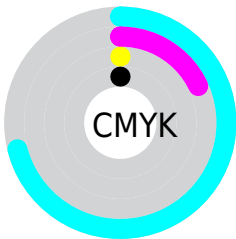
# Distribution



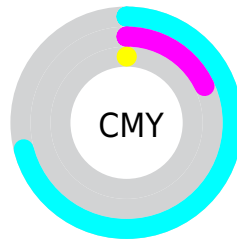
- Red (29%)
- Green (82%)
- Blue (100%)



- Red (29%)
- Yellow (59%)
- Blue (100%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283158783 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 4283158783 by changing the saturation by 10% instead.



 4283158783

 4283158783

4294967295

 4279678178

 4287692799

 4278229446

 4289724415

 4278222763

 4291821567

 4278216336

 4293853183

 4278210166

 4278204253

 4278198853

 4278191151

 4278190361

■ 4283158783

■ 4283158783

■ 4281518591

■ 4284864511

■ 4279813119

■ 4286504447

■ 4278238463

■ 4288210175

■ 4289850367

■ 4291555839

■ 4293196031

4294901759

4294967295

# Harmonies

## Analogous

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



4281587171



4283158783



4287153919

# Triad

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



4283158783



4294944455



4290300543

# Complementary

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



4283158783



4294933067

# 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.



4292722296



4283158783



4294944930

# Square

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



4283158783



4293766634



4294619781



4287419033

# Rectangle

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



4283158783



4289773311



4294619781



4291151482

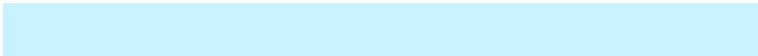


# Sweetspot

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



4283158783



4291424767



4283170680



4284512128



4278190080



4286611584

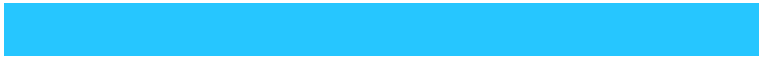


# Same Dimension

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



4283158783



4280731391



4283136255



4285758592



4278226367



4278202176



# Inverse Universe

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



4294921168



4294911686



4294955595



4286608252



4290707597

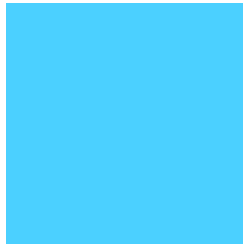


4282384431



# Previews

## White Background



This preview shows how the Android color 4283158783 looks on a white background.

## Color Contrast Check

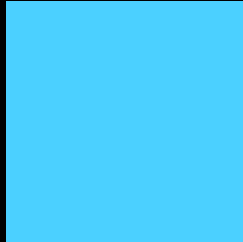
Large Text (above 18pt) WCAG AA × Fail

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 4283158783 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 4283158783 Background



This preview shows how black text looks on a background with the Android color 4283158783.

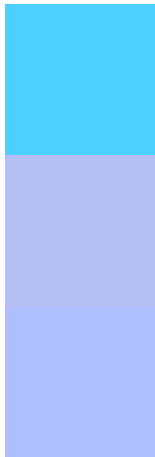


This preview shows how white text looks on a background with the Android color 4283158783.

# 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**  
4283158783

**Protanopia**  
4290035442

**Deuteranopia**  
4289707775



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283158783 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(75, 208, 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(75, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 208, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283158783 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, 208, 255) }
```

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

```
.border{ border-color:rgb(75, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(75, 208,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283158783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 208, 255) }
```

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

```
.background{ background-color: rgb(75, 208,  
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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