

# Converting Colors

Android(4283031542)

Have a look what the booklet for  
Android(4283031542) contains.

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# **Color**

**Android(4283031542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49DFF6
RGB	73, 223, 246
RGB Percent	29%, 87%, 96%
CMY	0.7137, 0.1255, 0.0353
CMYK	0.70, 0.09, 0.00, 0.04
HSL	188°, 91%, 63%
HSV	188°, 70%, 96%
XYZ	45.7699, 60.8456, 96.5208
YIQ	180.7720, -96.7830, -24.6470

# Conversions

## Conversions Part 2

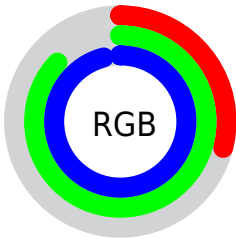
Format	Color
R <sub>Y</sub> B	73, 153, 246
Decimal	4841462
CIE Lab	82.30, -31.78, -22.65
CIE LCh	82, 39.026, 215.477
Yxy	60.8456, 0.2253, 0.2995
Android (android.graphics.Color)	4283031542 (0xFF49DFF6)
YUV	180.7720, 32.1574, -94.5160
Hunter-Lab	78.0036, -31.7686, -18.7623

# Details

The Android color `4283031542` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light washed cyan. A complement of this color would be `4294336585`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4287627263`, and `4278233022` is the 20% darker color. If you saturate the color by 10%, you get `4281392374`, and if you desaturate by 10%, it is `4284670710`.

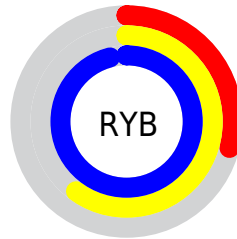
# Distribution



Red (29%)

Green (87%)

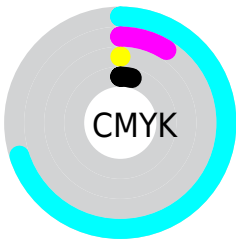
Blue (96%)



Red (29%)

Yellow (60%)

Blue (96%)

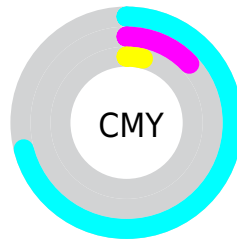


Cyan (70%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (13%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283031542 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 4283031542 by changing the saturation by 10% instead.



 4283031542

 4283031542

4294967295


 4279223257

 4287627263

 4278233022

 4289658879

 4278226339

 4291756031

 4278219656

 4293787647

 4278213231

 4278207062

 4278201151

 4278194473

 4278190356

■ 4283031542

■ 4283031542

■ 4281392374

■ 4284670710

■ 4279818486

■ 4286244598

■ 4278244854

■ 4287883766

■ 4289457398

■ 4291096566

■ 4292735990

■ 4294309622

■ 4294965750

■ 4294966518

# Harmonies

## Analogous

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



4284539346



4283031542



4285258239

# Triad

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



4283031542



4294948332



4292857219

# Complementary

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



4283031542



4294336585

# 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.



4294951051



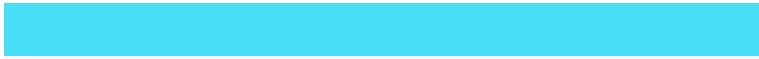
4283031542



4294947271

# Square

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



4283031542



4292526591



4294948260



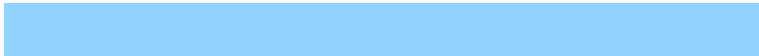
4290303888

# Rectangle

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



4283031542



4287746815



4294948260



4293642628

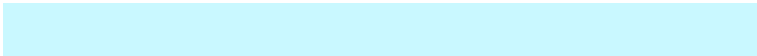


# Sweetspot

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



4283031542



4291426559



4283037277



4284513152



4278190080



4286611584

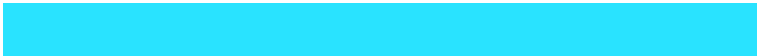


# Same Dimension

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



4283031542



4280935423



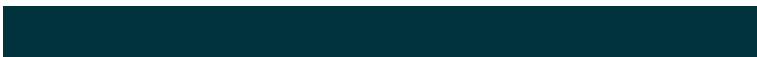
4283010038



4285430138



4278231482



4278203195



# Inverse Universe

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



4294330847



4294912483



4294358089



4286213753



4290379937

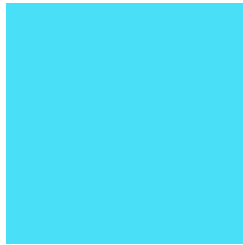


4282056755



# Previews

## White Background



This preview shows how the Android color 4283031542 looks on a white background.

## Color Contrast Check

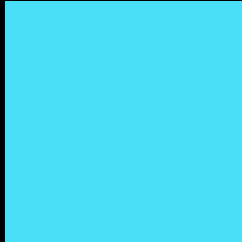
Large Text (above 18pt) WCAG AA × Fail

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 4283031542 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 4283031542 Background



This preview shows how black text looks on a background with the Android color 4283031542.



This preview shows how white text looks on a background with the Android color 4283031542.

# 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

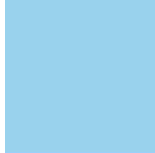




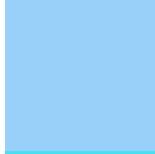
# Trichromacy



**Original Color**  
4283031542



**Protanomaly**  
4288271085



**Deuteranomaly**  
4288270585

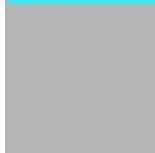


**Tritanomaly**  
4282900723

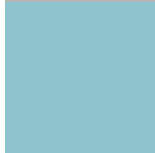
# Monochromacy



**Original Color**  
4283031542



**Achromatopsia**  
4290098613



**Achromatomaly**  
4287546573

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283031542 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, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(73, 223, 246)  
}
```

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, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 223, 246) }
```

## Border

The CSS property to change the border of an element to Android 4283031542 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, 223, 246) }
```

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

```
.border{ border-color:rgb(73, 223, 246) }
```

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

Here you see how a box with a 4 pixel rgb(73, 223, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(73, 223,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4283031542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 223, 246) }
```

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

```
.background{ background-color: rgb(73, 223,  
246) }
```

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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