

# Converting Colors

Android(4281385456)

Have a look what the booklet for  
Android(4281385456) contains.

<b>Android(4281385456)</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(4281385456)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30C1F0
RGB	48, 193, 240
RGB Percent	19%, 76%, 94%
CMY	0.8118, 0.2431, 0.0588
CMYK	0.80, 0.20, 0.00, 0.06
HSL	195°, 86%, 56%
HSV	195°, 80%, 94%
XYZ	36.0171, 45.0596, 89.2371
YIQ	155.0030, -101.5070, -16.1230

# Conversions

## Conversions Part 2

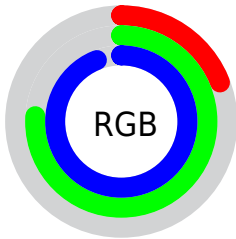
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 131, 240
Decimal	3195376
CIELab	72.93, -21.50, -33.84
CIElCh	73, 40.090, 237.563
Yxy	45.0596, 0.2115, 0.2646
Android (android.graphics.Color)	4281385456 (0xFF30C1F0)
YUV	155.0030, 41.9035, -93.8416
Hunter-Lab	67.1264, -21.6961, -31.8310

# Details

The Android color **4281385456** 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 **4293943088**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4286446335**, and **4278225848** is the 20% darker color. If you saturate the color by 10%, you get **4279811056**, and if you desaturate by 10%, it is **4282959856**.

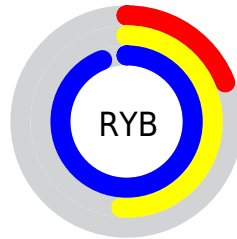
# Distribution



Red (19%)

Green (76%)

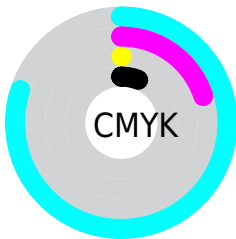
Blue (94%)



Red (19%)

Yellow (51%)

Blue (94%)

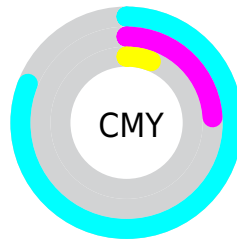


Cyan (80%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (81%)

Magenta (24%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281385456 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 4281385456 by changing the saturation by 10% instead.



 4281385456

 4281385456

4294967295

 4278232788

 4286446335

 4278225848

 4288544767

 4278219421

 4290641919

 4278212995

 4292673535

 4278206825

 4294705151

 4278201169

 4278195513

 4278190627

 4278190091

■ 4281385456

■ 4281385456

■ 4279811056

■ 4282959856

■ 4278236656

■ 4284534256

■ 4286108656

■ 4287682800

■ 4289257200

■ 4290831600

■ 4292406000

■ 4293980400

■ 4294964976

# Harmonies

## Analogous

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



4278240980



4281385456



4286036220

# Triad

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



4281385456



4294350519



4289248113

# Complementary

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



4281385456



4293943088

# 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.



4291735657



4281385456



4294613395

# Square

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



4281385456



4292779739



4293567350



4286432138

# Rectangle

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



4281385456



4288720889



4293567350



4290099308

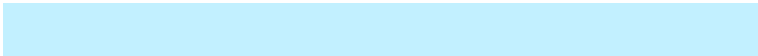


# Sweetspot

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



4281385456



4290965759



4281397341



4284184192



4278190080



4286611584

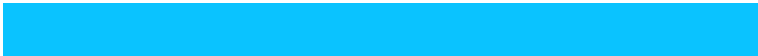


# Same Dimension

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



4281385456



4278895615



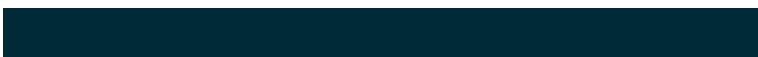
4281361392



4285298040



4278225848



4278200888



# Inverse Universe

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



4293931201



4294904515



4293967152



4286082165



4290248843

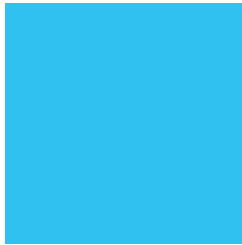


4281860138



# Previews

## White Background



This preview shows how the Android color 4281385456 looks on a white background.

## Color Contrast Check

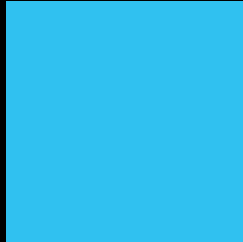
Large Text (above 18pt) WCAG AA × Fail

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 4281385456 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 4281385456 Background



This preview shows how black text looks on a background with the Android color 4281385456.



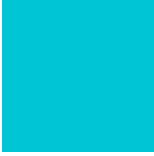
This preview shows how white text looks on a background with the Android color 4281385456.

# 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**  
4278240725

# Trichromacy



**Original Color**

4281385456



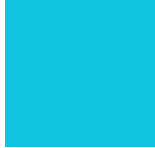
**Protanomaly**

4286232296



**Deuteranomaly**

4285904627



**Tritanomaly**

4279354591

# Monochromacy



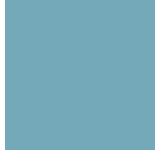
**Original Color**

4281385456



**Achromatopsia**

4288387995



**Achromatomaly**

4285835706

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281385456 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(48, 193, 240)` looks like.

```
.text, #text, p{  
    color:rgb(48, 193, 240)  
}
```

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(48, 193, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 193, 240) }
```

## Border

The CSS property to change the border of an element to Android 4281385456 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(48, 193, 240) }
```

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

```
.border{ border-color:rgb(48, 193, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 193, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 193, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 193, 240);  
box-shadow:4px 4px 4px 4px rgb(48, 193,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4281385456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 193, 240) }
```

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

```
.background{ background-color: rgb(48, 193,  
240) }
```

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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