

# Converting Colors

Android(4280083446)

Have a look what the booklet for  
Android(4280083446) contains.

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**Color**

**Android(4280083446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CE3F6
RGB	28, 227, 246
RGB Percent	11%, 89%, 96%
CMY	0.8902, 0.1098, 0.0353
CMYK	0.89, 0.08, 0.00, 0.04
HSL	185°, 92%, 54%
HSV	185°, 89%, 96%
XYZ	44.5825, 61.8389, 96.7751
YIQ	169.6650, -124.7030, -36.2790

# Conversions

## Conversions Part 2

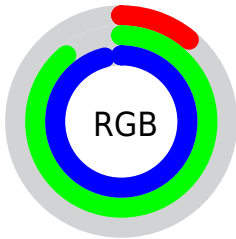
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 132, 246
Decimal	1893366
CIE <sub>Lab</sub>	82.83, -37.49, -21.90
CIE <sub>LCh</sub>	83, 43.420, 210.291
Yxy	61.8389, 0.2194, 0.3043
Android (android.graphics.Color)	4280083446 (0xFF1CE3F6)
YUV	169.6650, 37.6332, -124.2402
Hunter-Lab	78.6377, -36.4179, -17.9186




# Details

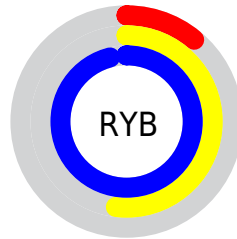
The Android color **4280083446** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4294323996**, and the grayscale version is **4289309097**.




A 20% lighter version of the original color is **4286185471**, and **4278234046** is the 20% darker color. If you saturate the color by 10%, you get **4278444534**, and if you desaturate by 10%, it is **4281722358**.

# Distribution







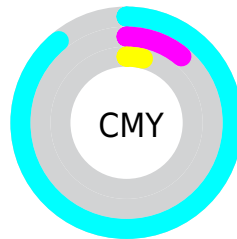
-  Red (11%)
-  Green (89%)
-  Blue (96%)






-  Red (11%)
-  Yellow (52%)
-  Blue (96%)



-  Cyan (89%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (4%)



-  Cyan (89%)
-  Magenta (11%)
-  Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280083446 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 4280083446 by changing the saturation by 10% instead.



 4280083446

 4280083446

4294967295

 4278241242

 4286185471

 4278234046

 4288413695

 4278227107

 4290576383

 4278220424

 4292673535

 4278213999

 4294770687

 4278207574

 4278201663

 4278195241

 4278190356

■ 4280083446

■ 4280083446

■ 4278444534

■ 4281722358

■ 4278247926

■ 4283295734

■ 4284934646

■ 4286508278

■ 4288147190

■ 4289786102

■ 4291359478

■ 4292998390

■ 4294571766

# Harmonies

## Analogous

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



4283884749



4280083446



4283096575

# Triad

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



4280083446



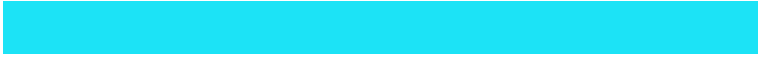
4294948599



4293512316

# Complementary

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



4280083446



4294323996

# 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.



4294950536



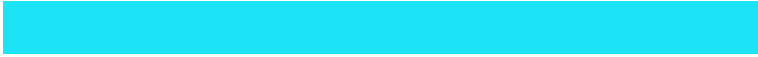
4280083446



4294946511

# Square

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



4280083446



4292068351



4294947495



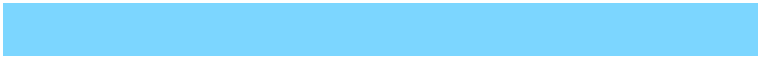
4290697350

# Rectangle

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



4280083446



4286371583



4294947495



4294297470



# Sweetspot

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



4280083446



4290443775



4280088110



4283923584



4278190080



4286611584



# Same Dimension

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



4280083446



4278249983



4280055798



4285430138



4278233786



4278203963



# Inverse Universe

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



4294319331



4294901993



4294351644



4286213753



4290379946

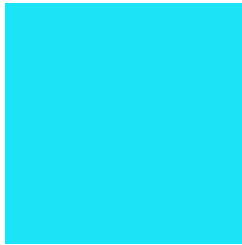


4282056758



# Previews

## White Background



This preview shows how the Android color 4280083446 looks on a white background.

## Color Contrast Check

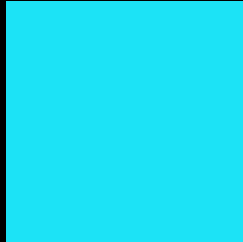
Large Text (above 18pt) WCAG AA × Fail

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 4280083446 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

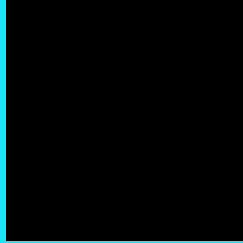
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280083446 Background



This preview shows how black text looks on a background with the Android color 4280083446.

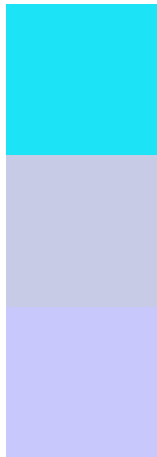


This preview shows how white text looks on a background with the Android color 4280083446.

# 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](#).

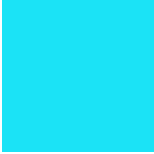
## Dichromacy



**Original Color**  
4280083446

**Protanopia**  
4291349478

**Deuteranopia**  
4291348732



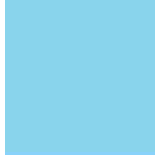
**Tritanopia**  
4280017910

# Trichromacy



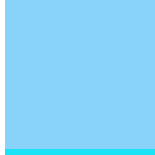
**Original Color**

4280083446



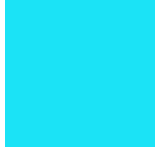
**Protanomaly**

4287223020



**Deuteranomaly**

4287222522



**Tritanomaly**

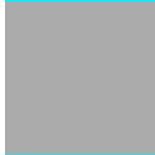
4280017910

# Monochromacy



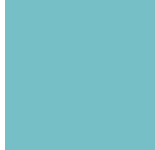
**Original Color**

4280083446



**Achromatopsia**

4289374890



**Achromatomaly**

4285972422

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280083446 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(28, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(28, 227, 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(28, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 227, 246) }
```

## Border

The CSS property to change the border of an element to Android 4280083446 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(28, 227, 246) }
```

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

```
.border{ border-color:rgb(28, 227, 246) }
```

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

Here you see how a box with a 4 pixel rgb(28, 227, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(28, 227,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4280083446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 227, 246) }
```

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

```
.background{ background-color: rgb(28, 227,  
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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