

# Converting Colors

Android(4281912808)

Have a look what the booklet for  
Android(4281912808) contains.

<b>Android(4281912808)</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(4281912808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38CDE8
RGB	56, 205, 232
RGB Percent	22%, 80%, 91%
CMY	0.7804, 0.1961, 0.0902
CMYK	0.76, 0.12, 0.00, 0.09
HSL	189°, 79%, 56%
HSV	189°, 76%, 91%
XYZ	38.0277, 50.3296, 84.0542
YIQ	163.5270, -97.4710, -23.1910

# Conversions

## Conversions Part 2

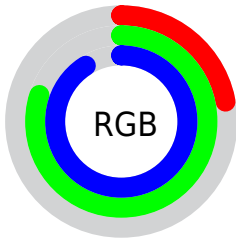
Format	Color
<a href="#">RYB</a>	<a href="#">56, 137, 232</a>
Decimal	<a href="#">3722728</a>
CIELab	<a href="#">76.27, -29.29, -24.38</a>
CIELCh	<a href="#">76, 38.108, 219.776</a>
Yxy	<a href="#">50.3296, 0.2206, 0.2919</a>
Android (android.graphics.Color)	<a href="#">4281912808 (0xFF38CDE8)</a>
YUV	<a href="#">163.5270, 33.7572, -94.3012</a>
Hunter-Lab	<a href="#">70.9434, -28.4697, -20.5869</a>

# Details

The Android color **4281912808** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **4293415736**, and the grayscale version is **4288914339**.

A 20% lighter version of the original color is **4286709759**, and **4278228656** is the 20% darker color. If you saturate the color by 10%, you get **4280404456**, and if you desaturate by 10%, it is **4283421160**.

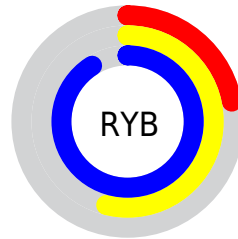
# Distribution



Red (22%)

Green (80%)

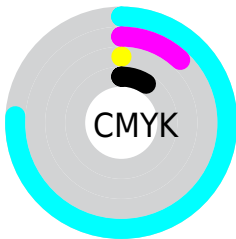
Blue (91%)



Red (22%)

Yellow (54%)

Blue (91%)

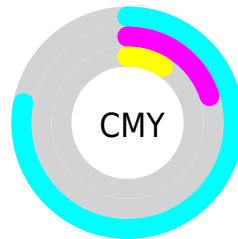


Cyan (76%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (78%)

Magenta (20%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281912808 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 4281912808 by changing the saturation by 10% instead.



 4281912808

 4281912808

4294967295

 4278235596

 4286709759

 4278228656

 4288806911

 4278221974

 4290838527

 4278215548

 4292870143

 4278209379

4294901759

 4278203211

 4278198324

 4278190623

 4278190082

■ 4281912808

■ 4281912808

■ 4280404456

■ 4283421160

■ 4278896360

■ 4284929256

■ 4278240488

■ 4286503144

■ 4288011240

■ 4289519592

■ 4291027688

■ 4292536040

■ 4294109672

■ 4294962664

# Harmonies

## Analogous

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



4283158471



4281912808



4284729085

# Triad

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



4281912808



4294091989



4291346038

# Complementary

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



4281912808



4293415736

# 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.



4293440123



4281912808



4294943154

# Square

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



4281912808



4291801074



4294813585



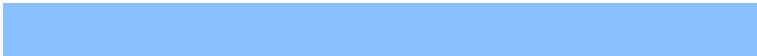
4288857989

# Rectangle

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



4281912808



4287283455



4294813585



4292131445

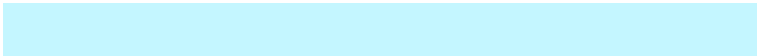


# Sweetspot

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



4281912808



4291098367



4281919570



4284250752



4278190080



4286611584

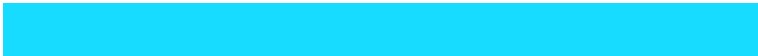


# Same Dimension

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



4281912808



4279753727



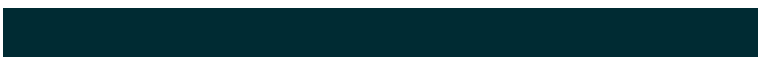
4281890536



4284969331



4278228915



4278201139



# Inverse Universe

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



4293408973



4294907867



4293438008



4285753201



4289921175

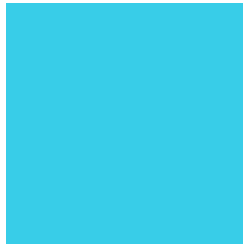


4281532459



# Previews

## White Background



This preview shows how the Android color 4281912808 looks on a white background.

## Color Contrast Check

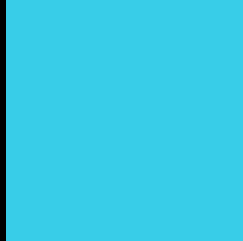
Large Text (above 18pt) WCAG AA × Fail

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 4281912808 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

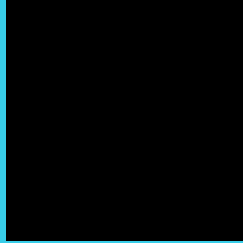
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281912808 Background



This preview shows how black text looks on a background with the Android color 4281912808.



This preview shows how white text looks on a background with the Android color 4281912808.

# 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

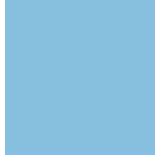




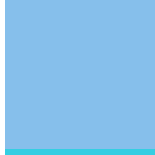
# Trichromacy



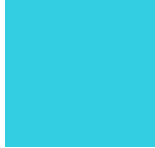
**Original Color**  
4281912808



**Protanomaly**  
4287086815



**Deuteranomaly**  
4287021035



**Tritanomaly**  
4281650914

# Monochromacy



**Original Color**  
4281912808



**Achromatopsia**  
4288980132



**Achromatomaly**  
4286428093

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281912808 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(56, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(56, 205, 232)  
}
```

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(56, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 205, 232) }
```

## Border

The CSS property to change the border of an element to Android 4281912808 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(56, 205, 232) }
```

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

```
.border{ border-color:rgb(56, 205, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 205, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 205, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 205, 232);  
box-shadow:4px 4px 4px 4px rgb(56, 205,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4281912808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 205, 232) }
```

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

```
.background{ background-color: rgb(56, 205,  
232) }
```

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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