

# Converting Colors

Android(4282239218)

Have a look what the booklet for  
Android(4282239218) contains.

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# **Color**

**Android(4282239218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DC8F2
RGB	61, 200, 242
RGB Percent	24%, 78%, 95%
CMY	0.7608, 0.2157, 0.0510
CMYK	0.75, 0.17, 0.00, 0.05
HSL	194°, 87%, 59%
HSV	194°, 75%, 95%
XYZ	38.6058, 48.7115, 91.3719
YIQ	163.2270, -96.3260, -16.4060

# Conversions

## Conversions Part 2

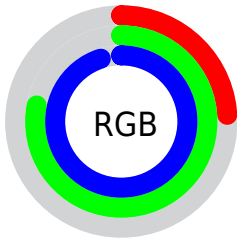
Format	Color
R <sub>Y</sub> B	61, 140, 242
Decimal	4049138
CIE Lab	75.27, -23.12, -31.28
CIE LCh	75, 38.899, 233.529
Yxy	48.7115, 0.2160, 0.2726
Android (android.graphics.Color)	4282239218 (0xFF3DC8F2)
YUV	163.2270, 38.8351, -89.6531
Hunter-Lab	69.7936, -23.4030, -28.7654

# Details

The Android color `4282239218` 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 `4294076221`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4286971903`, and `4278227642` is the 20% darker color. If you saturate the color by 10%, you get `4280664818`, and if you desaturate by 10%, it is `4283813618`.

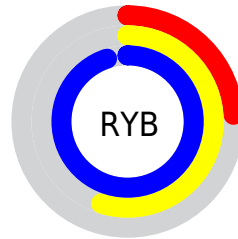
# Distribution



Red (24%)

Green (78%)

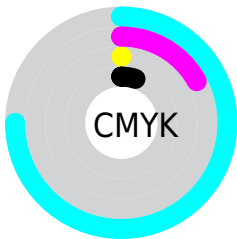
Blue (95%)



Red (24%)

Yellow (55%)

Blue (95%)

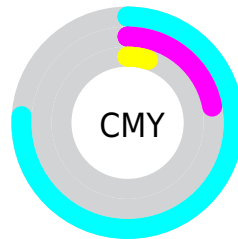


Cyan (75%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (22%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282239218 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 4282239218 by changing the saturation by 10% instead.



 4282239218

 4282239218

4294967295


 4278234582

 4286971903

 4278227642

 4289069055

 4278220959

 4291100671

 4278214532

 4293132287

 4278208363

 4278202451

 4278197819

 4278190629

 4278190350

■ 4282239218

■ 4282239218

■ 4280664818

■ 4283813618

■ 4279090674

■ 4285387762

■ 4278237938

■ 4287027698

■ 4288601842

■ 4290176242

■ 4291750642

■ 4293324786

■ 4294964722

■ 4294966258

# Harmonies

## Analogous

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



4281322709



4282239218



4286169087

# Triad

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



4282239218



4294549187



4290035830

# Complementary

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



4282239218



4294076221

# 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.



4292392306



4282239218



4294942623

# Square

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



4282239218



4292847332



4294158465



4287350926

# Rectangle

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



4282239218



4288722943



4294158465



4290886771

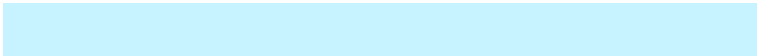


# Sweetspot

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



4282239218



4291293951



4282249828



4284381312



4278190080



4286611584

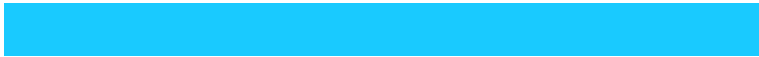


# Same Dimension

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



4282239218



4279880447



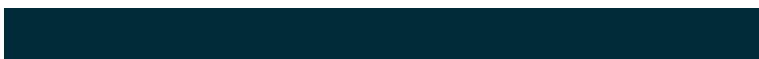
4282216690



4285298040



4278226360



4278201144



# Inverse Universe

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



4294065608



4294908362



4294098749



4286082165



4290248845

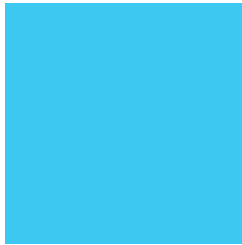


4281860139



# Previews

## White Background



This preview shows how the Android color 4282239218 looks on a white background.

## Color Contrast Check

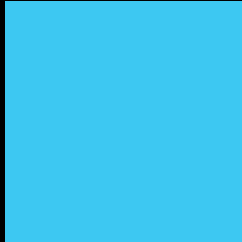
Large Text (above 18pt) WCAG AA × Fail

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 4282239218 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 4282239218 Background



This preview shows how black text looks on a background with the Android color 4282239218.



This preview shows how white text looks on a background with the Android color 4282239218.

# 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





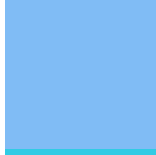
# Trichromacy



**Original Color**  
4282239218



**Protanomaly**  
4286889450



**Deuteranomaly**  
4286627061



**Tritanomaly**  
4281453540

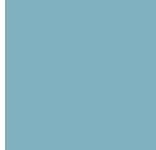
# Monochromacy



**Original Color**  
4282239218



**Achromatopsia**  
4288914339



**Achromatomaly**  
4286492864

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282239218 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(61, 200, 242)` looks like.

```
.text, #text, p{  
    color:rgb(61, 200, 242)  
}
```

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(61, 200, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 200, 242) }
```

## Border

The CSS property to change the border of an element to Android 4282239218 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(61, 200, 242) }
```

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

```
.border{ border-color:rgb(61, 200, 242) }
```

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

Here you see how a box with a 4 pixel rgb(61, 200, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 200, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 200, 242);  
box-shadow:4px 4px 4px 4px rgb(61, 200,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4282239218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 200, 242) }
```

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

```
.background{ background-color: rgb(61, 200,  
242) }
```

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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