

# Converting Colors

Android(4282880739)

Have a look what the booklet for  
Android(4282880739) contains.

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# **Color**

**Android(4282880739)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 4792E3                     |
| RGB         | 71, 146, 227               |
| RGB Percent | 28%, 57%, 89%              |
| CMY         | 0.7216, 0.4275, 0.1098     |
| CMYK        | 0.69, 0.36, 0.00, 0.11     |
| HSL         | 211°, 74%, 58%             |
| HSV         | 211°, 69%, 89%             |
| XYZ         | 26.7425, 27.4434, 76.5607  |
| YIQ         | 132.8090, -70.7010, 9.2910 |

# Conversions

## Conversions Part 2

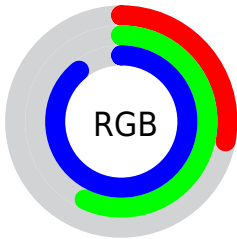
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 71, 122, 227                   |
| Decimal                             | 4690659                        |
| CIE Lab                             | 59.38, 2.71, -47.88            |
| CIE LCh                             | 59, 47.953, 273.241            |
| Yxy                                 | 27.4434, 0.2045,<br>0.2099     |
| Android<br>(android.graphics.Color) | 4282880739<br>(0xFF4792E3)     |
| YUV                                 | 132.8090, 46.4362,<br>-54.2065 |
| Hunter-Lab                          | 52.3865, -0.5546,<br>-49.9794  |

# Details

The Android color `4282880739` is a light color, and the websafe version is hex `3399FF`. The color can be described as light muted azure. A complement of this color would be `4293105735`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4287088895`, and `4278214827` is the 20% darker color. If you saturate the color by 10%, you get `4281370339`, and if you desaturate by 10%, it is `4284391139`.

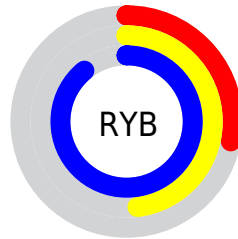
# Distribution



Red (28%)

Green (57%)

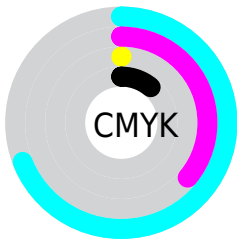
Blue (89%)



Red (28%)

Yellow (48%)

Blue (89%)

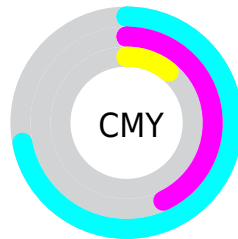


Cyan (69%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (72%)

Magenta (43%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282880739 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 4282880739 by changing the saturation by 10% instead.



 4282880739

 4282880739

4294967295

 4279990727

 4287088895

 4278214827

 4289061887

 4278208912

 4291035135

 4278203254

 4293066751

 4278198109

 4278192197

 4278190894

 4278190360

 4278190080

■ 4282880739

■ 4282880739

■ 4281370339

■ 4284391139

■ 4279925475

■ 4285836003

■ 4278415331

■ 4287346147

■ 4278218211

■ 4288856547

■ 4290366947

■ 4291811811

■ 4293322211

■ 4294832355

■ 4294966499

# Harmonies

## Analogous

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



4278230490



4282880739



4288185046

# Triad

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



4282880739



4292505699



4282163559

# Complementary

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



4282880739



4293105735

# 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.



4286028357



4282880739



4291133251

# Square

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



4282880739



4292635276



4288908855



4278232210

# Rectangle

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



4282880739



4290410434



4288908855



4283670362

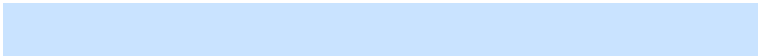


# Sweetspot

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



4282880739



4291421183



4282901400



4284510080



4278190080



4286611584



# Same Dimension

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



4282880739



4281242367



4283058147



4284968307



4278212275



4278196531



# Inverse Universe

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



4293085074



4294913682



4292928327



4285753197



4289921110

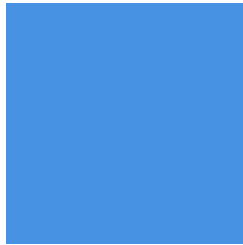


4281532441



# Previews

## White Background



This preview shows how the Android color 4282880739 looks on a white background.

## Color Contrast Check

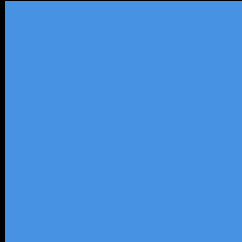
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282880739 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 × Fail

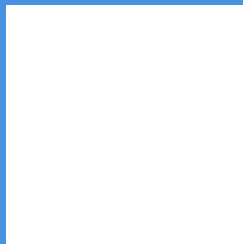
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282880739 Background



This preview shows how black text looks on a background with the Android color 4282880739.



This preview shows how white text looks on a background with the Android color 4282880739.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282880739 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(71, 146, 227)` looks like.

```
.text, #text, p{  
    color:rgb(71, 146, 227)  
}
```

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(71, 146, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 146, 227) }
```

## Border

The CSS property to change the border of an element to Android 4282880739 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(71, 146, 227) }
```

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

```
.border{ border-color:rgb(71, 146, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 146, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 146, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 146, 227);  
box-shadow:4px 4px 4px 4px rgb(71, 146,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4282880739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 146, 227) }
```

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

```
.background{ background-color: rgb(71, 146,  
227) }
```

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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