

# Converting Colors

Android(4283022578)

Have a look what the booklet for  
Android(4283022578) contains.

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# **Color**

**Android(4283022578)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49BCF2
RGB	73, 188, 242
RGB Percent	29%, 74%, 95%
CMY	0.7137, 0.2627, 0.0510
CMYK	0.70, 0.22, 0.00, 0.05
HSL	199°, 87%, 62%
HSV	199°, 70%, 95%
XYZ	36.7579, 43.7937, 90.5201
YIQ	159.7710, -85.8740, -7.5860

# Conversions

## Conversions Part 2

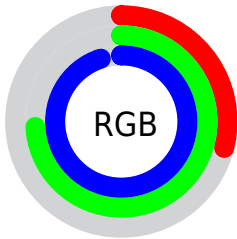
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 141, 242
Decimal	4832498
CIE Lab	72.09, -15.42, -36.18
CIE LCh	72, 39.325, 246.921
Yxy	43.7937, 0.2149, 0.2560
Android (android.graphics.Color)	4283022578 (0xFF49BCF2)
YUV	159.7710, 40.5389, -76.0982
Hunter-Lab	66.1768, -16.6617, -34.7762

# Details

The Android color `4283022578` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light washed azure. A complement of this color would be `4294082377`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4287427839`, and `4278224826` is the 20% darker color. If you saturate the color by 10%, you get `4281447666`, and if you desaturate by 10%, it is `4284597490`.

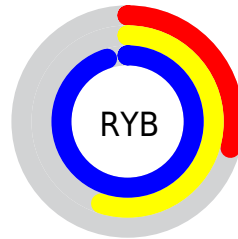
# Distribution



Red (29%)

Green (74%)

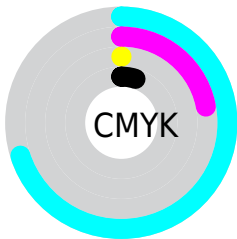
Blue (95%)



Red (29%)

Yellow (55%)

Blue (95%)

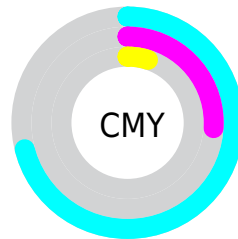


Cyan (70%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (26%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283022578 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 4283022578 by changing the saturation by 10% instead.





4283022578



4283022578

4294967295



4279804373



4287427839



4278224826



4289462271



4278218143



4291493887



4278211972



4293459967



4278206059



4278200402



4278194747



4278190629



4278190349

■ 4283022578

■ 4283022578

■ 4281447666

■ 4284597490

■ 4279873010

■ 4286172146

■ 4278232562

■ 4287812594

■ 4289387506

■ 4290962418

■ 4292537074

■ 4294111986

■ 4294966002

■ 4294967282

# Harmonies

## Analogous

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



4278436571



4283022578



4287279608

# Triad

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



4283022578



4294350250



4288265078

# Complementary

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



4283022578



4294082377

# 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.



4290818408



4283022578



4294154887

# Square

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



4283022578



4293237198



4292846959



4285383315

# Rectangle

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



4283022578



4289702385



4292846959



4289181807

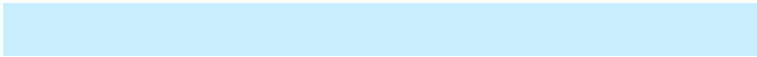


# Sweetspot

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



4283022578



4291423999



4283036287



4284511616



4278190080



4286611584



# Same Dimension

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



4283022578



4280925183



4283001074



4285297784



4278222264



4278199864



# Inverse Universe

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



4294068668



4294912443



4294103881



4286082164



4290248829



4281860134



# Previews

## White Background



This preview shows how the Android color 4283022578 looks on a white background.

## Color Contrast Check

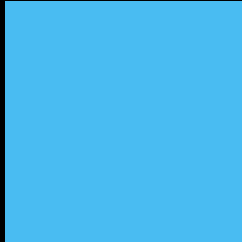
Large Text (above 18pt) WCAG AA × Fail

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 4283022578 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

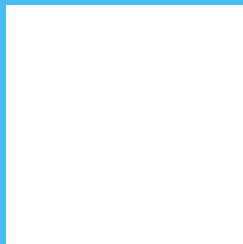
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283022578 Background



This preview shows how black text looks on a background with the Android color 4283022578.



This preview shows how white text looks on a background with the Android color 4283022578.

# 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





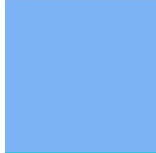
# Trichromacy



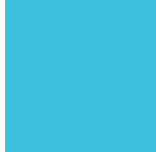
**Original Color**  
4283022578



**Protanomaly**  
4286624491



**Deuteranomaly**  
4286297076

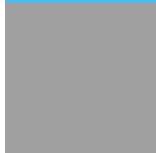


**Tritanomaly**  
4282106078

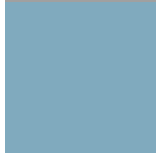
# Monochromacy



**Original Color**  
4283022578



**Achromatopsia**  
4288716960



**Achromatomaly**  
4286622398

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283022578 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(73, 188, 242)` looks like.

```
.text, #text, p{  
    color:rgb(73, 188, 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(73, 188, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 188, 242) }
```

## Border

The CSS property to change the border of an element to Android 4283022578 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(73, 188, 242) }
```

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

```
.border{ border-color:rgb(73, 188, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 188, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 188, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 188, 242);  
box-shadow:4px 4px 4px 4px rgb(73, 188,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4283022578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 188, 242) }
```

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

```
.background{ background-color: rgb(73, 188,  
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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