

Converting Colors

Android(4283020274)

Have a look what the booklet for
Android(4283020274) contains.

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Color

Android(4283020274)

Conversions

Conversions Part 1

Format	Color
Hex	49B3F2
RGB	73, 179, 242
RGB Percent	29%, 70%, 95%
CMY	0.7137, 0.2980, 0.0510
CMYK	0.70, 0.26, 0.00, 0.05
HSL	202°, 87%, 62%
HSV	202°, 70%, 95%
XYZ	34.8948, 40.0675, 89.8990
YIQ	154.4880, -83.3990, -2.8790

Conversions

Conversions Part 2

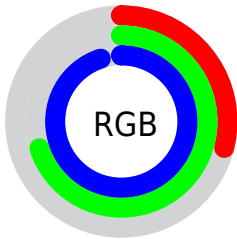
Format	Color
R _Y B	73, 138, 242
Decimal	4830194
CIE Lab	69.52, -10.59, -40.18
CIE LCh	70, 41.554, 255.239
Yxy	40.0675, 0.2117, 0.2430
Android (android.graphics.Color)	4283020274 (0xFF49B3F2)
YUV	154.4880, 43.1434, -71.4650
Hunter-Lab	63.2989, -12.3713, -39.8963

Details

The Android color `4283020274` is a light color, and the websafe version is hex `3399CC`. The color can be described as light washed azure. A complement of this color would be `4294084681`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4287359999`, and `4278222522` is the 20% darker color. If you saturate the color by 10%, you get `4281445106`, and if you desaturate by 10%, it is `4284595442`.

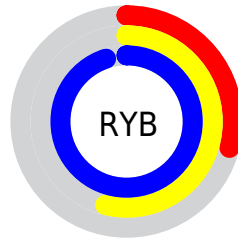
Distribution



Red (29%)

Green (70%)

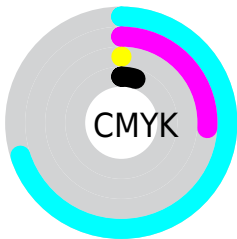
Blue (95%)



Red (29%)

Yellow (54%)

Blue (95%)

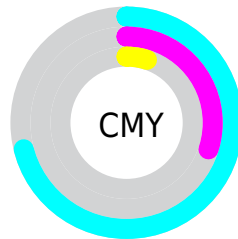


Cyan (70%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283020274 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 4283020274 by changing the saturation by 10% instead.

 4283020274

 4283020274

4294967295

 4279867605

 4287359999

 4278222522

 4289396735

 4278216350

 4291428351

 4278210180

 4293459967

 4278204266

 4278198866

 4278191675

 4278190628

 4278190092

■ 4283020274

■ 4283020274

■ 4281445106

■ 4284595442

■ 4279869938

■ 4286170610

■ 4278229234

■ 4287811314

■ 4289386482

■ 4290961650

■ 4292536818

■ 4294111986

■ 4294966258

■ 4294967282

Harmonies

Analogous

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



4278238174



4283020274



4287735794

Triad

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



4283020274



4294151320



4286953331

Complementary

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



4283020274



4294084681

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.



4289703519



4283020274



4293563510

Square

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



4283020274



4293365438



4291993953



4283546773

Rectangle

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



4283020274



4290158055



4291993953



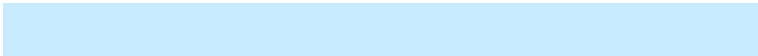
4287870059

Sweetspot

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



4283020274



4291423231



4283036295



4284511360



4278190080



4286611584

Same Dimension

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



4283020274



4280922111



4282999026



4285297528



4278219704



4278199096

Inverse Universe

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



4294068659



4294912431



4294105929



4286082163



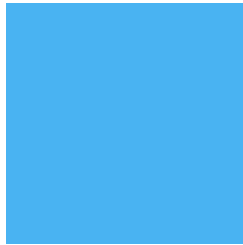
4290248819



4281860131

Previews

White Background



This preview shows how the Android color 4283020274 looks on a white background.

Color Contrast Check

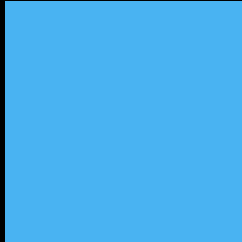
Large Text (above 18pt) WCAG AA × Fail

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 4283020274 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

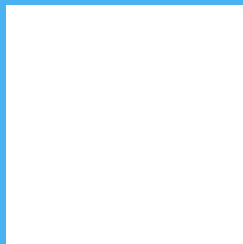
Any Text WCAG AAA ✓ Pass

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

Android 4283020274 Background



This preview shows how black text looks on a background with the Android color 4283020274.



This preview shows how white text looks on a background with the Android color 4283020274.

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



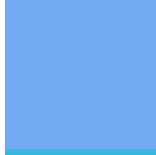
Original Color

4283020274



Protanomaly

4286163948



Deuteranomaly

4285705204



Tritanomaly

4281841625

Monochromacy



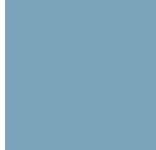
Original Color

4283020274



Achromatopsia

4288322202



Achromatomaly

4286423994

CSS Examples

Text

The CSS property to change the color of the text to Android 4283020274 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, 179, 242)` looks like.

```
.text, #text, p{  
    color:rgb(73, 179, 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, 179, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 179, 242) }
```

Border

The CSS property to change the border of an element to Android 4283020274 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, 179, 242) }
```

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

```
.border{ border-color:rgb(73, 179, 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, 179, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 179, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 179, 242);  
box-shadow:4px 4px 4px 4px rgb(73, 179,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4283020274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 179, 242) }
```

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

```
.background{ background-color: rgb(73, 179,  
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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