

Converting Colors

Android(4284929023)

Have a look what the booklet for
Android(4284929023) contains.

Android(4284929023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284929023)

Conversions

Conversions Part 1

Format	Color
Hex	66D3FF
RGB	102, 211, 255
RGB Percent	40%, 83%, 100%
CMY	0.6000, 0.1725, 0.0000
CMYK	0.60, 0.17, 0.00, 0.00
HSL	197°, 100%, 70%
HSV	197°, 60%, 100%
XYZ	46.8238, 56.6333, 103.0712
YIQ	183.4250, -79.0880, -9.4240

Conversions

Conversions Part 2

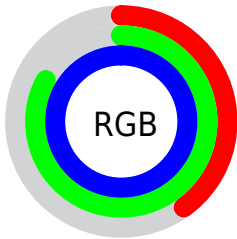
Format	Color
RYB	102, 166, 255
Decimal	6738943
CIELab	79.97, -18.78, -30.91
CIELCh	80, 36.166, 238.710
Yxy	56.6333, 0.2267, 0.2742
Android (android.graphics.Color)	4284929023 (0xFF66D3FF)
YUV	183.4250, 35.2865, -71.4097
Hunter-Lab	75.2551, -20.6337, -28.5264

Details

The Android color `4284929023` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294939238`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4289003519`, and `4279278790` is the 20% darker color. If you saturate the color by 10%, you get `4283288831`, and if you desaturate by 10%, it is `4286634751`.

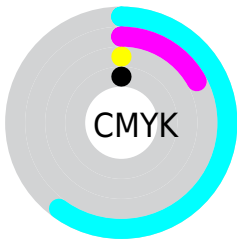
Distribution



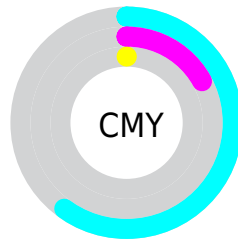
- Red (40%)
- Green (83%)
- Blue (100%)



- Red (40%)
- Yellow (65%)
- Blue (100%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (60%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284929023 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 4284929023 by changing the saturation by 10% instead.

 4284929023

 4284929023

4294967295

 4282628066

 4289003519

 4279278790

 4291035135

 4278223531

 4293001215

 4278217104

 4278210934

 4278205021

 4278199366

 4278191151

 4278190362

■ 4284929023

■ 4284929023

■ 4283288831

■ 4286634751

■ 4281582847

■ 4288275199

■ 4279877119

■ 4289980927

■ 4278236927

■ 4291621119

■ 4293327103

4294967295

Harmonies

Analogous

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



4283750630



4284929023



4288137983

Triad

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



4284929023



4294946249



4290563722

Complementary

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



4284929023



4294939238

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.



4292854915



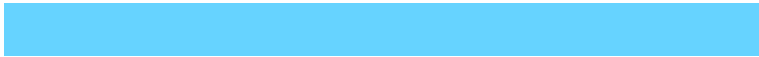
4284929023



4294946728

Square

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



4284929023



4293964778



4294621326



4287944098

Rectangle

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



4284929023



4290364159



4294621326



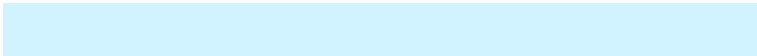
4291349382

Sweetspot

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



4284929023



4291949311



4284940177



4284708736



4278190080



4286611584

Same Dimension

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



4284929023



4282895103



4284909567



4285758592



4278225087



4278201664

Inverse Universe

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



4294928083



4294920138



4294958694



4286608252



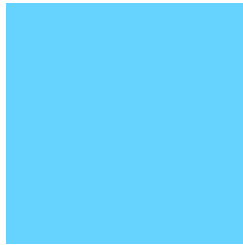
4290707592



4282384429

Previews

White Background



This preview shows how the Android color 4284929023 looks on a white background.

Color Contrast Check

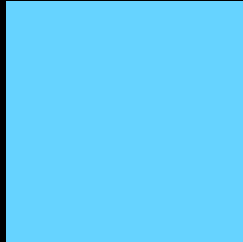
Large Text (above 18pt) WCAG AA × Fail

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 4284929023 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

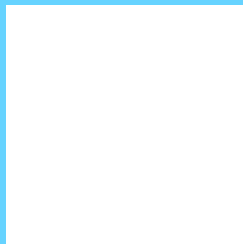
Any Text WCAG AAA ✓ Pass

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

Android 4284929023 Background



This preview shows how black text looks on a background with the Android color 4284929023.



This preview shows how white text looks on a background with the Android color 4284929023.

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



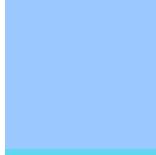
Trichromacy



Original Color
4284929023



Protanomaly
4288399864



Deuteranomaly
4288334079

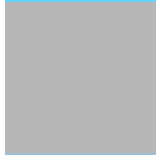


Tritanomaly
4284536560

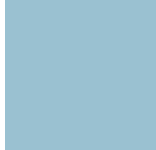
Monochromacy



Original Color
4284929023



Achromatopsia
4290230199



Achromatomaly
4288332241

CSS Examples

Text

The CSS property to change the color of the text to Android 4284929023 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(102, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 211, 255)  
}
```

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(102, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 211, 255) }
```

Border

The CSS property to change the border of an element to Android 4284929023 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(102, 211, 255) }
```

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

```
.border{ border-color:rgb(102, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 211,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4284929023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 211, 255) }
```

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

```
.background{ background-color: rgb(102,  
211, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor