

Converting Colors

Android(4283023612)

Have a look what the booklet for
Android(4283023612) contains.

Android(4283023612)	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(4283023612)

Conversions

Conversions Part 1

Format	Color
Hex	49C0FC
RGB	73, 192, 252
RGB Percent	29%, 75%, 99%
CMY	0.7137, 0.2471, 0.0118
CMYK	0.71, 0.24, 0.00, 0.01
HSL	200°, 97%, 64%
HSV	200°, 71%, 99%
XYZ	39.1680, 46.1440, 98.9378
YIQ	163.2590, -90.1840, -6.5680

Conversions

Conversions Part 2

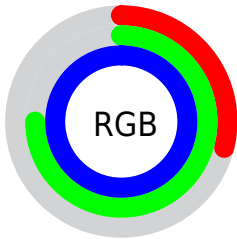
Format	Color
R _Y B	73, 144, 252
Decimal	4833532
CIE Lab	73.64, -14.30, -39.17
CIE LCh	74, 41.693, 249.947
Yxy	46.1440, 0.2126, 0.2504
Android (android.graphics.Color)	4283023612 (0xFF49C0FC)
YUV	163.2590, 43.7493, -79.1571
Hunter-Lab	67.9294, -15.9536, -38.8041

Details

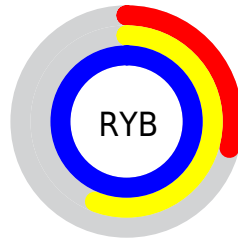
The Android color `4283023612` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294739273`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4287494399`, and `4278225859` is the 20% darker color. If you saturate the color by 10%, you get `4281383164`, and if you desaturate by 10%, it is `4284664060`.

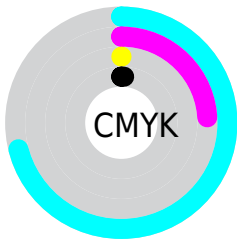
Distribution



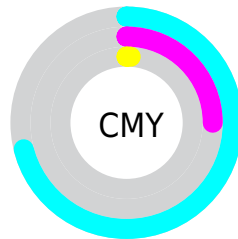
- Red (29%)
- Green (75%)
- Blue (99%)



- Red (29%)
- Yellow (56%)
- Blue (99%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)



- Cyan (71%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283023612 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 4283023612 by changing the saturation by 10% instead.



4283023612



4283023612

4294967295



4279543263



4287494399



4278225859



4289593343



4278219176



4291624959



4278213005



4293656575



4278206835



4278201434



4278196546



4278190892



4278190358

■ 4283023612

■ 4283023612

■ 4281383164

■ 4284664060

■ 4279742460

■ 4286304764

■ 4278233340

■ 4288010748

■ 4289651452

■ 4291291900

■ 4292932604

■ 4294573052

4294967292

Harmonies

Analogous

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



4278241253



4283023612



4287739135

Triad

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



4283023612



4294940585



4288135545

Complementary

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



4283023612



4294739273

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.



4290885480



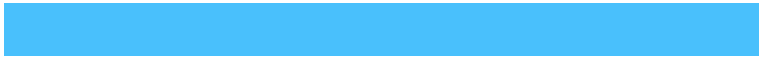
4283023612



4294614406

Square

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



4283023612



4293892816



4293110381



4284991385

Rectangle

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



4283023612



4290358263



4293110381



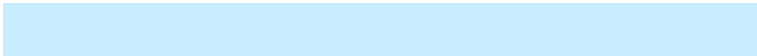
4289117809

Sweetspot

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



4283023612



4291423743



4283038853



4284511616



4278190080



4286611584

Same Dimension

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



4283023612



4280727295



4283000828



4285561213



4278222269



4278200637

Inverse Universe

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



4294724032



4294911670



4294762057



4286410873



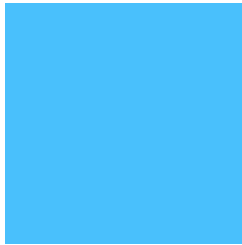
4290576509



4282187817

Previews

White Background



This preview shows how the Android color 4283023612 looks on a white background.

Color Contrast Check

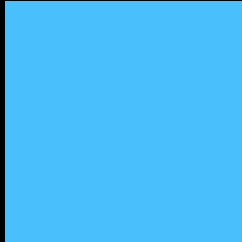
Large Text (above 18pt) WCAG AA × Fail

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 4283023612 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

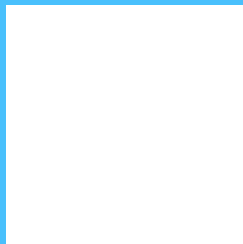
Any Text WCAG AAA ✓ Pass

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

Android 4283023612 Background



This preview shows how black text looks on a background with the Android color 4283023612.



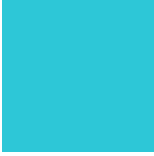
This preview shows how white text looks on a background with the Android color 4283023612.

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





Tritanopia
4281190359

Trichromacy



Original Color
4283023612



Protanomaly
4286756597



Deuteranomaly
4286298110



Tritanomaly
4281844964

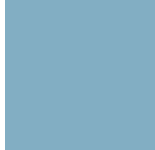
Monochromacy



Original Color
4283023612



Achromatopsia
4288914339



Achromatomaly
4286754499

CSS Examples

Text

The CSS property to change the color of the text to Android 4283023612 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, 192, 252)` looks like.

```
.text, #text, p{  
    color:rgb(73, 192, 252)  
}
```

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, 192, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 192, 252) }
```

Border

The CSS property to change the border of an element to Android 4283023612 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, 192, 252) }
```

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

```
.border{ border-color:rgb(73, 192, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 192, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 192, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 192, 252);  
box-shadow:4px 4px 4px 4px rgb(73, 192,  
252) }
```

Background

The CSS property to change the background color of an element to Android 4283023612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 192, 252) }
```

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

```
.background{ background-color: rgb(73, 192,  
252) }
```

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