

Converting Colors

Android(4282824947)

Have a look what the booklet for
Android(4282824947) contains.

Android(4282824947)	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(4282824947)

Conversions

Conversions Part 1

Format	Color
Hex	46B8F3
RGB	70, 184, 243
RGB Percent	27%, 72%, 95%
CMY	0.7255, 0.2784, 0.0471
CMYK	0.71, 0.24, 0.00, 0.05
HSL	200°, 88%, 61%
HSV	200°, 71%, 95%
XYZ	35.8439, 42.0541, 91.0221
YIQ	156.6400, -86.8830, -5.8190

Conversions

Conversions Part 2

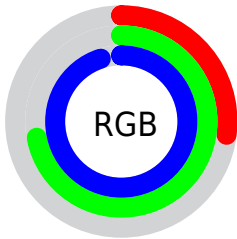
Format	Color
R _Y B	70, 139, 243
Decimal	4634867
CIE Lab	70.91, -13.36, -38.56
CIE LCh	71, 40.813, 250.886
Yxy	42.0541, 0.2122, 0.2490
Android (android.graphics.Color)	4282824947 (0xFF46B8F3)
YUV	156.6400, 42.5755, -75.9833
Hunter-Lab	64.8492, -14.8241, -37.8249

Details

The Android color `4282824947` 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 `4294148422`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4287295743`, and `4278223803` is the 20% darker color. If you saturate the color by 10%, you get `4281250035`, and if you desaturate by 10%, it is `4284399859`.

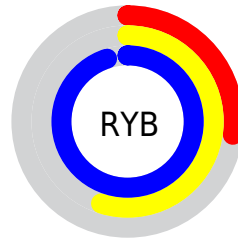
Distribution



Red (27%)

Green (72%)

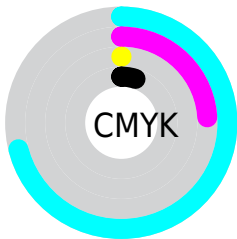
Blue (95%)



Red (27%)

Yellow (55%)

Blue (95%)

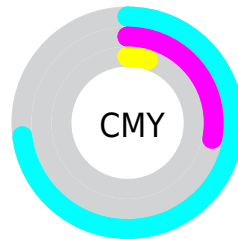


Cyan (71%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (28%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282824947 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 4282824947 by changing the saturation by 10% instead.

 4282824947

 4282824947

4294967295

 4279279062

 4287295743

 4278223803

 4289331199

 4278217375

 4291362815

 4278211205

 4293328895

 4278205291

 4278199635

 4278193212

 4278190629

 4278190349

■ 4282824947

■ 4282824947

■ 4281250035

■ 4284399859

■ 4279609331

■ 4286040563

■ 4278231283

■ 4287615475

■ 4289190387

■ 4290765299

■ 4292406003

■ 4293980915

■ 4294966003

■ 4294967283

Harmonies

Analogous

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



4278239197



4282824947



4287475190

Triad

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



4282824947



4294283425



4287609460

Complementary

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



4282824947



4294148422

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.



4290293859



4282824947



4293957503

Square

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



4282824947



4293366727



4292518760



4284530580

Rectangle

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



4282824947



4289962989



4292518760



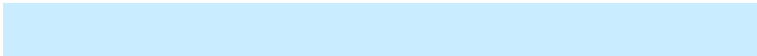
4288591724

Sweetspot

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



4282824947



4291423743



4282839936



4284511616



4278190080



4286611584

Same Dimension

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



4282824947



4280727039



4282803187



4285429370



4278221754



4278200123

Inverse Universe

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



4294133432



4294911669



4294170182



4286213750



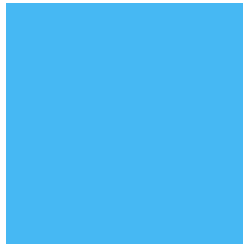
4290379899



4282056743

Previews

White Background



This preview shows how the Android color 4282824947 looks on a white background.

Color Contrast Check

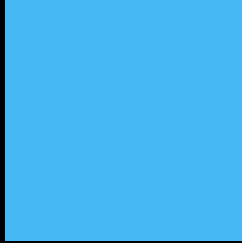
Large Text (above 18pt) WCAG AA × Fail

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 4282824947 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

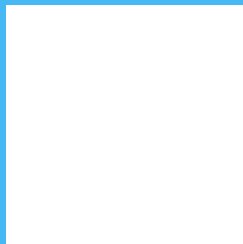
Any Text WCAG AAA ✓ Pass

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

Android 4282824947 Background



This preview shows how black text looks on a background with the Android color 4282824947.



This preview shows how white text looks on a background with the Android color 4282824947.

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 4282824947 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(70, 184, 243)` looks like.

```
.text, #text, p{  
    color:rgb(70, 184, 243)  
}
```

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(70, 184, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 184, 243) }
```

Border

The CSS property to change the border of an element to Android 4282824947 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(70, 184, 243) }
```

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

```
.border{ border-color:rgb(70, 184, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 184, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 184, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 184, 243);  
box-shadow:4px 4px 4px 4px rgb(70, 184,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4282824947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 184, 243) }
```

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

```
.background{ background-color: rgb(70, 184,  
243) }
```

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