

Converting Colors

Android(4284138485)

Have a look what the booklet for
Android(4284138485) contains.

Android(4284138485)	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(4284138485)

Conversions

Conversions Part 1

Format	Color
Hex	5AC3F5
RGB	90, 195, 245
RGB Percent	35%, 76%, 96%
CMY	0.6471, 0.2353, 0.0392
CMYK	0.63, 0.20, 0.00, 0.04
HSL	199°, 89%, 66%
HSV	199°, 63%, 96%
XYZ	40.2130, 47.7964, 93.4924
YIQ	169.3050, -78.6300, -6.7100

Conversions

Conversions Part 2

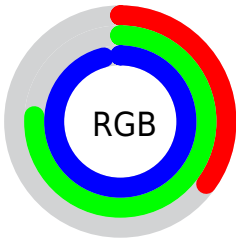
Format	Color
R_{YB}	90, 153, 245
Decimal	5948405
CIE _{Lab}	74.70, -15.57, -33.72
CIE _{LCh}	75, 37.144, 245.210
Yxy	47.7964, 0.2216, 0.2633
Android (android.graphics.Color)	4284138485 (0xFF5AC3F5)
YUV	169.3050, 37.3176, -69.5505
Hunter-Lab	69.1350, -17.1601, -31.7844

Details

The Android color `4284138485` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294282330`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4288281855`, and `4278226365` is the 20% darker color. If you saturate the color by 10%, you get `4282563573`, and if you desaturate by 10%, it is `4285713397`.

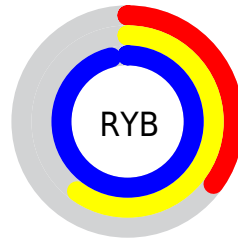
Distribution



Red (35%)

Green (76%)

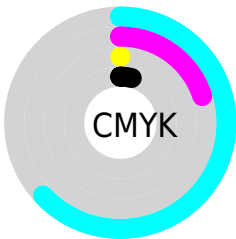
Blue (96%)



Red (35%)

Yellow (60%)

Blue (96%)

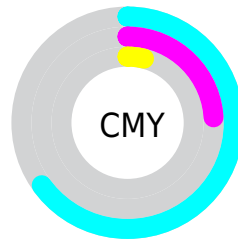


Cyan (63%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284138485 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 4284138485 by changing the saturation by 10% instead.



4284138485



4284138485

4294967295



4281706712



4288281855



4278226365



4290248703



4278219937



4292280319



4278213511



4294311935



4278207597



4278201685



4278196797



4278190887



4278190353

■ 4284138485

■ 4284138485

■ 4282563573

■ 4285713397

■ 4280923125

■ 4287353845

■ 4279348213

■ 4288994293

■ 4278232821

■ 4290569205

■ 4292209653

■ 4293784309

■ 4294966005

■ 4294967285

Harmonies

Analogous

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



4281911774



4284138485



4287740411

Triad

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



4284138485



4294614451



4288987519

Complementary

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



4284138485



4294282330

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.



4291410035



4284138485



4294484626

Square

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



4284138485



4293436117



4293373051



4286302362

Rectangle

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



4284138485



4290032118



4293373051



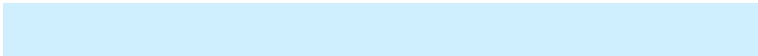
4289838969

Sweetspot

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



4284138485



4291817471



4284151179



4284642944



4278190080



4286611584

Same Dimension

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



4284138485



4282237183



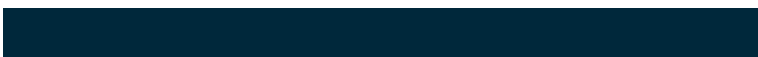
4284118773



4285429370



4278222522



4278200379

Inverse Universe

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



4294269635



4294917568



4294302042



4286213750



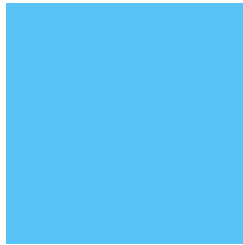
4290379902



4282056744

Previews

White Background



This preview shows how the Android color 4284138485 looks on a white background.

Color Contrast Check

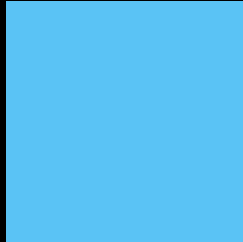
Large Text (above 18pt) WCAG AA × Fail

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 4284138485 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

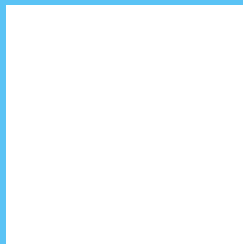
Any Text WCAG AAA ✓ Pass

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

Android 4284138485 Background



This preview shows how black text looks on a background with the Android color 4284138485.

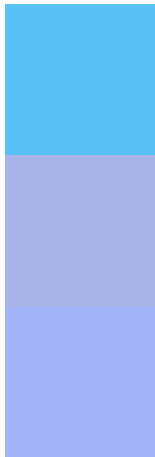


This preview shows how white text looks on a background with the Android color 4284138485.

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](#).

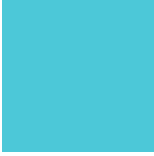
Dichromacy



Original Color
4284138485

Protanopia
4289312234

Deuteranopia
4288918776



Tritanopia
4283222232

Trichromacy



Original Color

4284138485



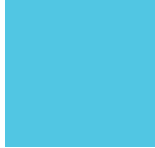
Protanomaly

4287412974



Deuteranomaly

4287150583



Tritanomaly

4283549411

Monochromacy



Original Color

4284138485



Achromatopsia

4289309097



Achromatomaly

4287410885

CSS Examples

Text

The CSS property to change the color of the text to Android 4284138485 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(90, 195, 245)` looks like.

```
.text, #text, p{  
    color:rgb(90, 195, 245)  
}
```

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(90, 195, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 195, 245) }
```

Border

The CSS property to change the border of an element to Android 4284138485 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(90, 195, 245) }
```

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

```
.border{ border-color:rgb(90, 195, 245) }
```

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

Here you see how a box with a 4 pixel rgb(90, 195, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 195, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 195, 245);  
box-shadow:4px 4px 4px 4px rgb(90, 195,  
245) }
```

Background

The CSS property to change the background color of an element to Android 4284138485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 195, 245) }
```

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

```
.background{ background-color: rgb(90, 195,  
245) }
```

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