

Converting Colors

Android(4284008147)

Have a look what the booklet for
Android(4284008147) contains.

Android(4284008147)	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(4284008147)

Conversions

Conversions Part 1

Format	Color
Hex	58C6D3
RGB	88, 198, 211
RGB Percent	35%, 78%, 83%
CMY	0.6549, 0.2235, 0.1725
CMYK	0.58, 0.06, 0.00, 0.17
HSL	186°, 58%, 59%
HSV	186°, 58%, 83%
XYZ	35.9765, 47.1660, 68.8358
YIQ	166.5920, -69.7330, -19.2770

Conversions

Conversions Part 2

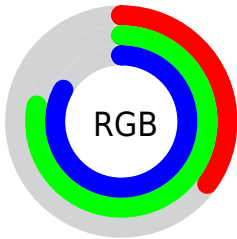
Format	Color
R _Y B	88, 146, 211
Decimal	5818067
CIE Lab	74.30, -27.52, -15.97
CIE LCh	74, 31.819, 210.124
Yxy	47.1660, 0.2367, 0.3103
Android (android.graphics.Color)	4284008147 (0xFF58C6D3)
YUV	166.5920, 21.8931, -68.9252
Hunter-Lab	68.6775, -26.6791, -11.3524

Details

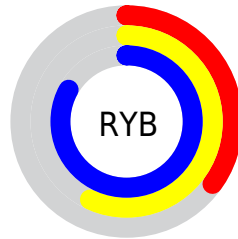
The Android color `4284008147` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292044120`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4287954943`, and `4278227100` is the 20% darker color. If you saturate the color by 10%, you get `4282631379`, and if you desaturate by 10%, it is `4285384915`.

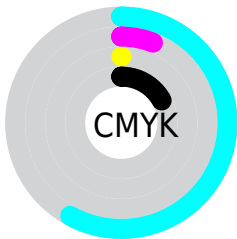
Distribution



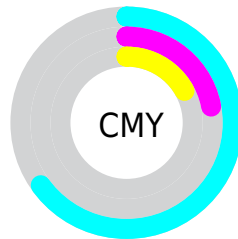
- Red (35%)
- Green (78%)
- Blue (83%)



- Red (35%)
- Yellow (57%)
- Blue (83%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (65%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284008147 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 4284008147 by changing the saturation by 10% instead.



4284008147



4284008147

4294967295



4281772983



4287954943



4278227100



4289921023



4278220418



4291887103



4278213993



4293853183



4278207825



4278201914



4278196517



4278190350



4278190080

■ 4284008147

■ 4284008147

■ 4282631379

■ 4285384915

■ 4281254611

■ 4286761683

■ 4279877587

■ 4288138707

■ 4278500819

■ 4289515475

■ 4278238675

■ 4290957779

■ 4292334547

■ 4293711571

■ 4294957267

■ 4294957779

Harmonies

Analogous

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



4285188022



4284008147



4285055465

Triad

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



4284008147



4292650708



4291540348

Complementary

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



4284008147



4292044120

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.



4293110661



4284008147



4293829048

Square

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



4284008147



4290490345



4293960603



4289511043

Rectangle

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



4284008147



4286758128



4293960603



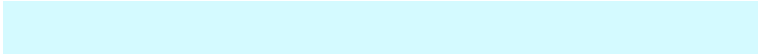
4292129405

Sweetspot

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



4284008147



4292147967



4284011364



4284906880



4278190080



4286611584

Same Dimension

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



4284008147



4283297023



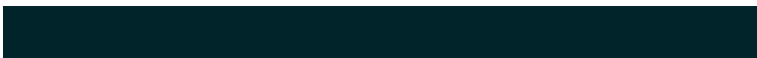
4283992531



4284376937



4278228904



4278199337

Inverse Universe

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



4292040902



4294921708



4292059736



4285095527



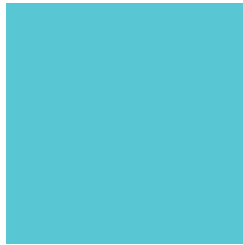
4289200279



4280877092

Previews

White Background



This preview shows how the Android color 4284008147 looks on a white background.

Color Contrast Check

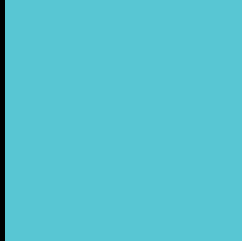
Large Text (above 18pt) WCAG AA × Fail

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 4284008147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

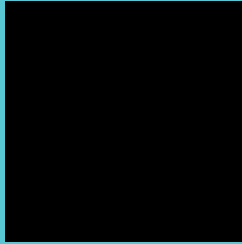
Any Text WCAG AA ✓ Pass

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 4284008147 Background



This preview shows how black text looks on a background with the Android color 4284008147.



This preview shows how white text looks on a background with the Android color 4284008147.

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



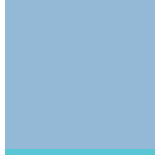
Original Color

4284008147



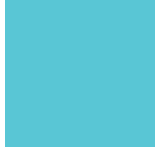
Protanomaly

4287806412



Deuteranomaly

4287936982



Tritanomaly

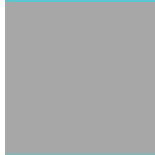
4284073685

Monochromacy



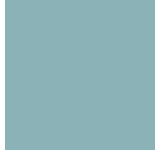
Original Color

4284008147



Achromatopsia

4289177511



Achromatomaly

4287279799

CSS Examples

Text

The CSS property to change the color of the text to Android 4284008147 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(88, 198, 211)` looks like.

```
.text, #text, p{  
    color:rgb(88, 198, 211)  
}
```

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(88, 198, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 198, 211) }
```

Border

The CSS property to change the border of an element to Android 4284008147 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(88, 198, 211) }
```

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

```
.border{ border-color:rgb(88, 198, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 198, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 198, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 198, 211);  
box-shadow:4px 4px 4px 4px rgb(88, 198,  
211) }
```

Background

The CSS property to change the background color of an element to Android 4284008147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 198, 211) }
```

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

```
.background{ background-color: rgb(88, 198,  
211) }
```

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