

Converting Colors

Android(4284198612)

Have a look what the booklet for
Android(4284198612) contains.

Android(4284198612)	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(4284198612)

Conversions

Conversions Part 1

Format	Color
Hex	5BAED4
RGB	91, 174, 212
RGB Percent	36%, 68%, 83%
CMY	0.6431, 0.3176, 0.1686
CMYK	0.57, 0.18, 0.00, 0.17
HSL	199°, 58%, 59%
HSV	199°, 57%, 83%
XYZ	31.3341, 37.2497, 67.8258
YIQ	153.5150, -61.6660, -5.7780

Conversions

Conversions Part 2

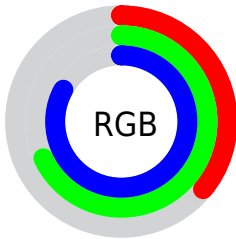
Format	Color
R_{YB}	91, 140, 212
Decimal	6008532
CIE _{Lab}	67.46, -14.35, -26.90
CIE _{LCh}	67, 30.494, 241.922
Yxy	37.2497, 0.2297, 0.2731
Android (android.graphics.Color)	4284198612 (0xFF5BAED4)
YUV	153.5150, 28.8331, -54.8257
Hunter-Lab	61.0325, -15.1651, -23.1665

Details

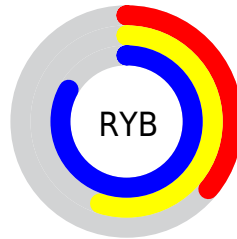
The Android color `4284198612` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4292116827`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4288079615`, and `4279335581` is the 20% darker color. If you saturate the color by 10%, you get `4282820564`, and if you desaturate by 10%, it is `4285576660`.

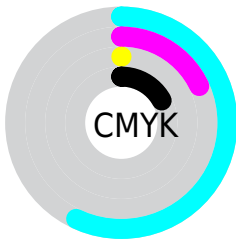
Distribution



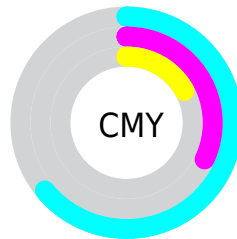
- Red (36%)
- Green (68%)
- Blue (83%)



- Red (36%)
- Yellow (55%)
- Blue (83%)



- Cyan (57%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)




- Cyan (64%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284198612 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 4284198612 by changing the saturation by 10% instead.

 4284198612

 4284198612

4294967295

 4282160056

 4288079615

 4279335581

 4289986559

 4278215043

 4291887103

 4278208874

 4293853183

 4278202961

 4278197818

 4278190629

 4278190349

 4278190080

■ 4284198612

■ 4284198612

■ 4282820564

■ 4285576660

■ 4281442772

■ 4286954452

■ 4279999188

■ 4288398036

■ 4278621140

■ 4289776084

■ 4278227412

■ 4291153876

■ 4292531924

■ 4293909972

■ 4294960084

■ 4294961876

Harmonies

Analogous

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



4283019968



4284198612



4286752475

Triad

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



4284198612



4292448420



4288195445

Complementary

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



4284198612



4292116827

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.



4290159469



4284198612



4292514441

Square

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



4284198612



4291400895



4291664501



4286099850

Rectangle

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



4284198612



4288585943



4291664501



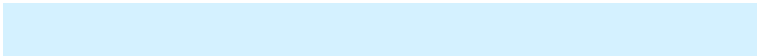
4288915825

Sweetspot

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



4284198612



4292145663



4284208255



4284905344



4278190080



4286611584

Same Dimension

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



4284198612



4283615743



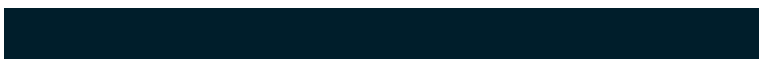
4284183508



4284508267



4278220203



4278197803

Inverse Universe

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



4292107182



4294922953



4292131931



4285227112



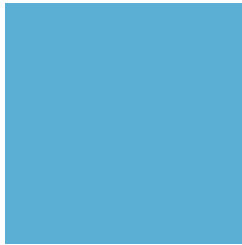
4289396853



4281008158

Previews

White Background



This preview shows how the Android color 4284198612 looks on a white background.

Color Contrast Check

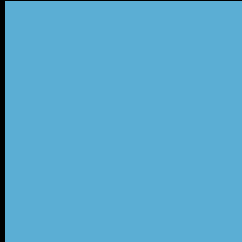
Large Text (above 18pt) WCAG AA × Fail

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 4284198612 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 4284198612 Background



This preview shows how black text looks on a background with the Android color 4284198612.



This preview shows how white text looks on a background with the Android color 4284198612.

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



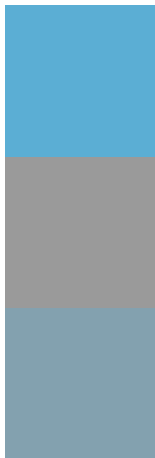
Original Color
4284198612

Protanomaly
4286752462

Deuteranomaly
4286686934

Tritanomaly
4283871431

Monochromacy



Original Color
4284198612

Achromatopsia
4288322202

Achromatomaly
4286816687

CSS Examples

Text

The CSS property to change the color of the text to Android 4284198612 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(91, 174, 212)` looks like.

```
.text, #text, p{  
    color:rgb(91, 174, 212)  
}
```

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(91, 174, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 174, 212) }
```

Border

The CSS property to change the border of an element to Android 4284198612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

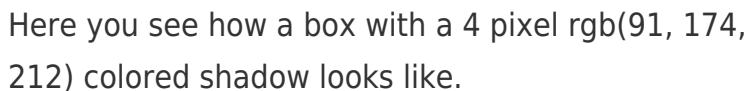
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 174, 212) }
```

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

```
.border{ border-color:rgb(91, 174, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 174, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 174, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 174, 212); box-shadow:4px 4px 4px 4px rgb(91, 174, 212) }
```

Background

The CSS property to change the background color of an element to Android 4284198612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 174, 212) }
```

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

```
.background{ background-color: rgb(91, 174,  
212) }
```

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](#).

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