

Converting Colors

Android(4284009187)

Have a look what the booklet for
Android(4284009187) contains.

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Color

Android(4284009187)

Conversions

Conversions Part 1

Format	Color
Hex	58CAE3
RGB	88, 202, 227
RGB Percent	35%, 79%, 89%
CMY	0.6549, 0.2078, 0.1098
CMYK	0.61, 0.11, 0.00, 0.11
HSL	191°, 71%, 62%
HSV	191°, 61%, 89%
XYZ	39.0102, 49.8618, 80.2413
YIQ	170.7640, -75.9690, -16.3930

Conversions

Conversions Part 2

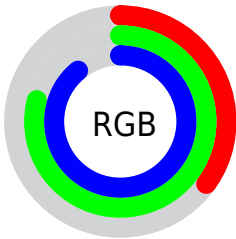
Format	Color
RYB	88, 151, 227
Decimal	5819107
CIELab	75.98, -24.91, -22.06
CIELCh	76, 33.270, 221.529
Yxy	49.8618, 0.2307, 0.2948
Android (android.graphics.Color)	4284009187 (0xFF58CAE3)
YUV	170.7640, 27.7243, -72.5840
Hunter-Lab	70.6129, -24.9601, -17.9454

Details

The Android color `4284009187` 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 `4293095768`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4288086015`, and `4278228140` is the 20% darker color. If you saturate the color by 10%, you get `4282500835`, and if you desaturate by 10%, it is `4285517539`.

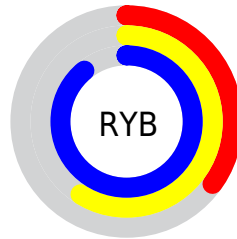
Distribution



Red (35%)

Green (79%)

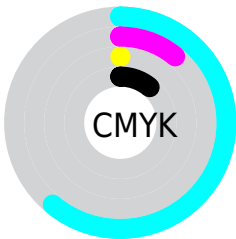
Blue (89%)



Red (35%)

Yellow (59%)

Blue (89%)

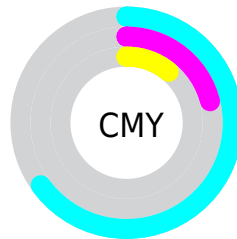


Cyan (61%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284009187 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 4284009187 by changing the saturation by 10% instead.

 4284009187

 4284009187

4294967295

 4281642695

 4288086015

 4278228140

 4290052095

 4278221457

 4292018175

 4278215031

 4294049791

 4278208606

 4278202951

 4278198064

 4278190363

 4278190080

■ 4284009187

■ 4284009187

■ 4282500835

■ 4285517539

■ 4281058019

■ 4286960355

■ 4279549667

■ 4288468707

■ 4278237923

■ 4289977059

■ 4291485411

■ 4292928227

■ 4294436835

■ 4294962147

■ 4294963171

Harmonies

Analogous

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



4284468422



4284009187



4286039285

Triad

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



4284009187



4293699536



4291149183

Complementary

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



4284009187



4293095768

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.



4292981634



4284009187



4294485168

Square

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



4284009187



4291801065



4294224276



4288923276

Rectangle

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



4284009187



4288003832



4294224276



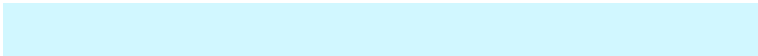
4291803774

Sweetspot

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



4284009187



4291950591



4284015471



4284709504



4278190080



4286611584

Same Dimension

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



4284009187



4282769151



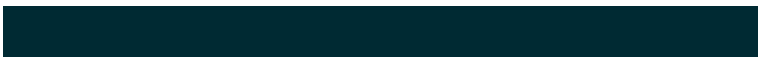
4283991779



4284969331



4278227635



4278200883

Inverse Universe

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



4293089482



4294919646



4293113176



4285753201



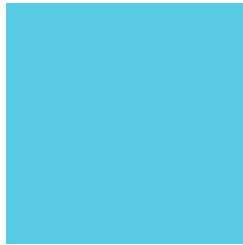
4289921170



4281532458

Previews

White Background



This preview shows how the Android color 4284009187 looks on a white background.

Color Contrast Check

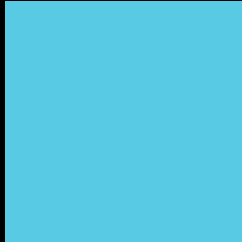
Large Text (above 18pt) WCAG AA × Fail

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 4284009187 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 4284009187 Background



This preview shows how black text looks on a background with the Android color 4284009187.



This preview shows how white text looks on a background with the Android color 4284009187.

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
4284009187

Protanopia
4290034135

Deuteranopia
4290098919

Trichromacy



Original Color
4284009187



Protanomaly
4287872987



Deuteranomaly
4287872486



Tritanomaly
4283878367

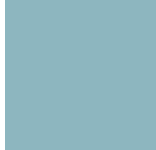
Monochromacy



Original Color
4284009187



Achromatopsia
4289440683



Achromatomaly
4287477439

CSS Examples

Text

The CSS property to change the color of the text to Android 4284009187 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, 202, 227)` looks like.

```
.text, #text, p{  
    color:rgb(88, 202, 227)  
}
```

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, 202, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 202, 227) }
```

Border

The CSS property to change the border of an element to Android 4284009187 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, 202, 227) }
```

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

```
.border{ border-color:rgb(88, 202, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 202, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 202, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 202, 227);  
box-shadow:4px 4px 4px 4px rgb(88, 202,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4284009187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 202, 227) }
```

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

```
.background{ background-color: rgb(88, 202,  
227) }
```

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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