

Converting Colors

Android(4284800229)

Have a look what the booklet for
Android(4284800229) contains.

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Color

Android(4284800229)

Conversions

Conversions Part 1

Format	Color
Hex	64DCE5
RGB	100, 220, 229
RGB Percent	39%, 86%, 90%
CMY	0.6078, 0.1373, 0.1020
CMYK	0.56, 0.04, 0.00, 0.10
HSL	184°, 71%, 65%
HSV	184°, 56%, 90%
XYZ	44.9916, 59.5529, 83.2523
YIQ	185.1460, -74.4090, -22.6410

Conversions

Conversions Part 2

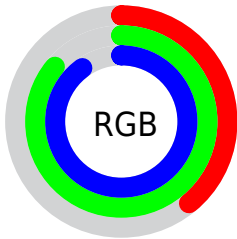
Format	Color
RYB	100, 162, 229
Decimal	6610149
CIELab	81.59, -30.99, -14.62
CIElCh	82, 34.267, 205.251
Yxy	59.5529, 0.2396, 0.3171
Android (android.graphics.Color)	4284800229 (0xFF64DCE5)
YUV	185.1460, 21.6200, -74.6730
Hunter-Lab	77.1705, -30.9801, -9.9433

Details

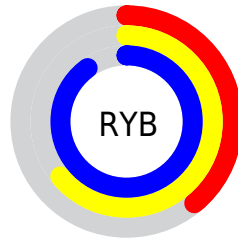
The Android color `4284800229` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293225828`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4288806911`, and `4279477678` is the 20% darker color. If you saturate the color by 10%, you get `4283292389`, and if you desaturate by 10%, it is `4286308069`.

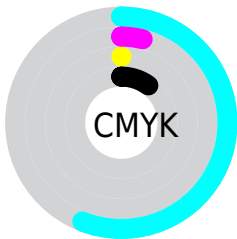
Distribution



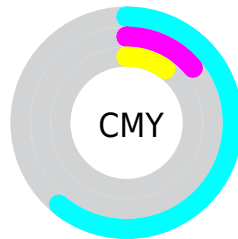
- Red (39%)
- Green (86%)
- Blue (90%)



- Red (39%)
- Yellow (64%)
- Blue (90%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (61%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284800229 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 4284800229 by changing the saturation by 10% instead.



4284800229



4284800229

4294967295



4282630345



4288806911



4279477678



4290772991



4278225555



4292739071



4278218873



4294770687



4278212448



4278206281



4278200626



4278193182



4278190080

■ 4284800229

■ 4284800229

■ 4283292389

■ 4286308069

■ 4281784805

■ 4287815653

■ 4280276965

■ 4289323493

■ 4278769381

■ 4290831077

■ 4278244837

■ 4292338917

■ 4293781221

■ 4294961125

■ 4294961637

■ 4294961893

Harmonies

Analogous

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



4286373060



4284800229



4285585663

Triad

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



4284800229



4293901040



4293314443

Complementary

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



4284800229



4293225828

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.



4294950039



4284800229



4294947793

Square

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



4284800229



4291347711



4294948017



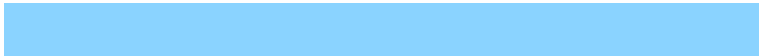
4291154320

Rectangle

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



4284800229



4287288319



4294948017



4293968781

Sweetspot

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



4284800229



4292148479



4284802413



4284907136



4278190080



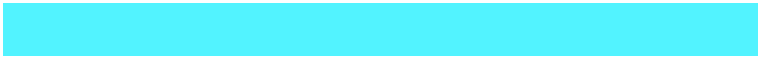
4286611584

Same Dimension

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



4284800229



4283626495



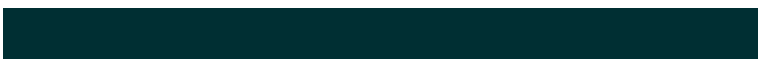
4284783845



4284969587



4278232755



4278202163

Inverse Universe

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



4293223644



4294922995



4293242212



4285753202



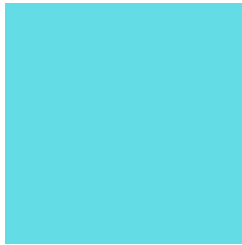
4289921190



4281532463

Previews

White Background



This preview shows how the Android color 4284800229 looks on a white background.

Color Contrast Check

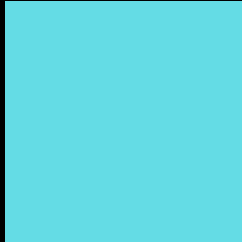
Large Text (above 18pt) WCAG AA × Fail

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 4284800229 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 4284800229 Background



This preview shows how black text looks on a background with the Android color 4284800229.



This preview shows how white text looks on a background with the Android color 4284800229.

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

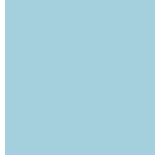


Trichromacy



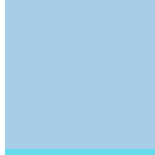
Original Color

4284800229



Protanomaly

4288991197



Deuteranomaly

4289187304



Tritanomaly

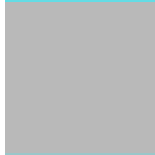
4284931050

Monochromacy



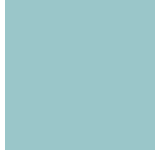
Original Color

4284800229



Achromatopsia

4290361785



Achromatomaly

4288333513

CSS Examples

Text

The CSS property to change the color of the text to Android 4284800229 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(100, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(100, 220, 229)  
}
```

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(100, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 220, 229) }
```

Border

The CSS property to change the border of an element to Android 4284800229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

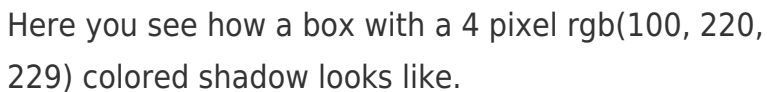
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(100, 220, 229) }
```

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

```
.border{ border-color:rgb(100, 220, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(100, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 220, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 220, 229); box-shadow:4px 4px 4px 4px rgb(100, 220, 229) }
```

Background

The CSS property to change the background color of an element to Android 4284800229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 220, 229) }
```

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

```
.background{ background-color: rgb(100,  
220, 229) }
```

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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