

Converting Colors

Android(4284201613)

Have a look what the booklet for
Android(4284201613) contains.

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Color

Android(4284201613)

Conversions

Conversions Part 1

Format	Color
Hex	5BBA8D
RGB	91, 186, 141
RGB Percent	36%, 73%, 55%
CMY	0.6431, 0.2706, 0.4471
CMYK	0.51, 0.00, 0.24, 0.27
HSL	152°, 41%, 54%
HSV	152°, 51%, 73%
XYZ	26.6810, 39.2650, 31.3720
YIQ	152.4650, -42.1750, -34.1350

Conversions

Conversions Part 2

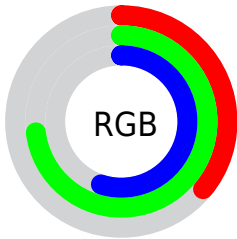
Format	Color
RYB	91, 153, 186
Decimal	6011533
CIELab	68.94, -38.75, 14.36
CIElCh	69, 41.323, 159.670
Yxy	39.2650, 0.2742, 0.4035
Android (android.graphics.Color)	4284201613 (0xFF5BBA8D)
YUV	152.4650, -5.6522, -53.9048
Hunter-Lab	62.6618, -33.6540, 14.1794

Details

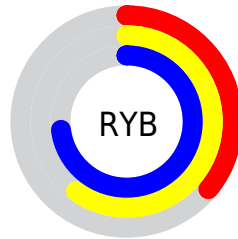
The Android color `4284201613` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290403208`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4287886275`, and `4280190043` is the 20% darker color. If you saturate the color by 10%, you get `4282956420`, and if you desaturate by 10%, it is `4285446806`.

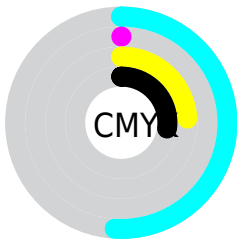
Distribution



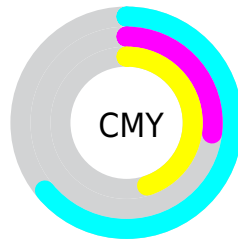
- Red (36%)
- Green (73%)
- Blue (55%)



- Red (36%)
- Yellow (60%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284201613 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 4284201613 by changing the saturation by 10% instead.



4284201613



4284201613

4294967295



4282294131



4287886275



4280190043



4289724383



4278217283



4291624955



4278210861



4293525503



4278204696



4278199552



4278190080



4284201613




4284201613



4282956420



4285446806

 4281776763

 4286626463

 4280531571


 4287871655

 4279351914

 4289051312

 4278237794

 4290296505

 4291541698

 4292721355

 4293966547

 4294949596

Harmonies

Analogous

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



4287411309



4284201613



4278369460

Triad

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



4284201613



4286884082



4293628282

Complementary

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



4284201613



4290403208

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.



4293954205



4284201613



4290550498

Square

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



4284201613



4281840622



4292972227



4292255074

Rectangle

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



4284201613



4278238156



4292972227



4293889669

Sweetspot

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



4284201613



4291752673



4287216219



4284775024



4294638330



4286216826

Same Dimension

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



4284201613



4284412588



4284201146



4283653207



4278230098



4278197263

Inverse Universe

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



4290403208



4294074020



4290403675



4284240727



4288413770



4280025101

Previews

White Background



This preview shows how the Android color 4284201613 looks on a white background.

Color Contrast Check

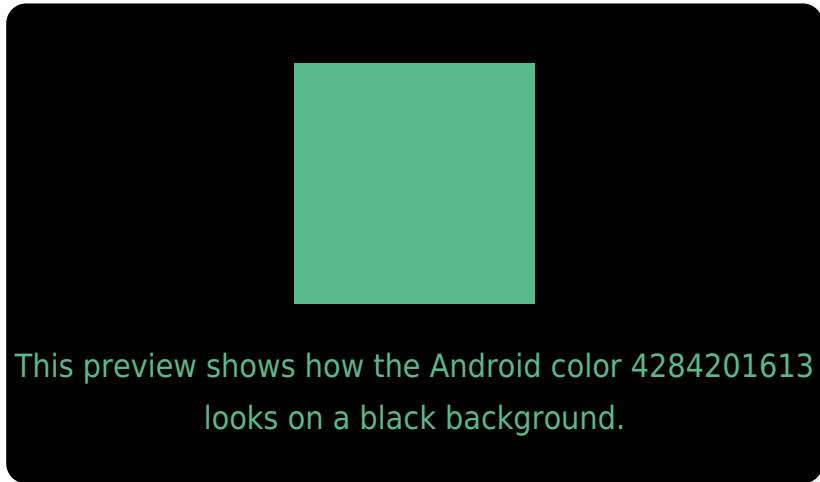
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

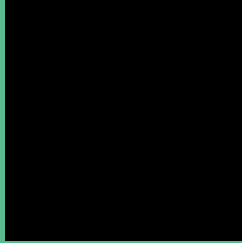
Any Text WCAG AA ✓ Pass

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 4284201613 Background



This preview shows how black text looks on a background with the Android color 4284201613.



This preview shows how white text looks on a background with the Android color 4284201613.

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



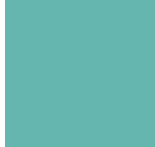
Original Color
4284201613



Protanomaly
4287803015



Deuteranomaly
4288391824



Tritanomaly
4284855982

Monochromacy



Original Color
4284201613



Achromatopsia
4288190616



Achromatomaly
4286751892

CSS Examples

Text

The CSS property to change the color of the text to Android 4284201613 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, 186, 141)` looks like.

```
.text, #text, p{  
    color:rgb(91, 186, 141)  
}
```

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, 186, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 186, 141) }
```

Border

The CSS property to change the border of an element to Android 4284201613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

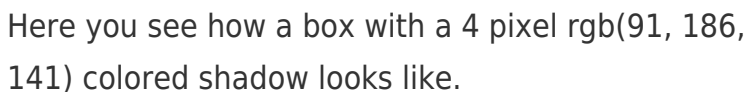
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 186, 141) }
```

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

```
.border{ border-color:rgb(91, 186, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 186, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 186, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 186, 141); box-shadow:4px 4px 4px 4px rgb(91, 186, 141) }
```

Background

The CSS property to change the background color of an element to Android 4284201613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 186, 141) }
```

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

```
.background{ background-color: rgb(91, 186,  
141) }
```

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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