

Converting Colors

Android(4284200308)

Have a look what the booklet for
Android(4284200308) contains.

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Color

Android(4284200308)

Conversions

Conversions Part 1

Format	Color
Hex	5BB574
RGB	91, 181, 116
RGB Percent	36%, 71%, 45%
CMY	0.6431, 0.2902, 0.5451
CMYK	0.50, 0.00, 0.36, 0.29
HSL	137°, 38%, 53%
HSV	137°, 50%, 71%
XYZ	23.9906, 36.5328, 22.3101
YIQ	146.6800, -32.7750, -39.2950

Conversions

Conversions Part 2

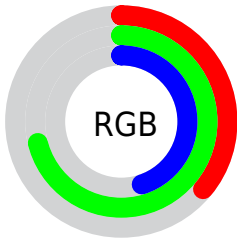
Format	Color
RYB	91, 161, 181
Decimal	6010228
CIELab	66.93, -41.45, 25.07
CIELCh	67, 48.437, 148.836
Yxy	36.5328, 0.2896, 0.4410
Android (android.graphics.Color)	4284200308 (0xFF5BB574)
YUV	146.6800, -15.1252, -48.8314
Hunter-Lab	60.4424, -34.9245, 20.4250

Details

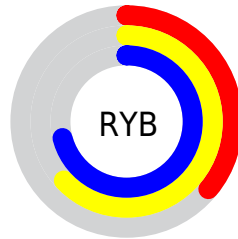
The Android color `4284200308` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290075548`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287819433`, and `4280319811` is the 20% darker color. If you saturate the color by 10%, you get `4283020647`, and if you desaturate by 10%, it is `4285379969`.

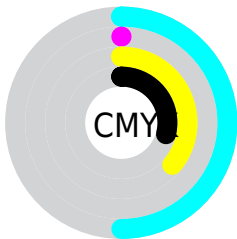
Distribution



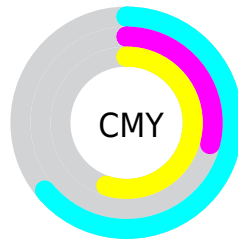
- Red (36%)
- Green (71%)
- Blue (45%)



- Red (36%)
- Yellow (63%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284200308 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 4284200308 by changing the saturation by 10% instead.

 4284200308

 4284200308

4294967295


 4282358363

 4287819433

 4280319811

 4289724356

 4278216236

 4291559392

 4278209814

 4293459965

 4278203648

 4278198272

 4278190080

 4284200308

 4284200308

 4283020647

 4285379969

 4281840986

 4286559630

 4280661325

 4287739291

 4279481664

 4288918952

 4278302003

 4290164149

 4278236466

 4291343810

 4292523472

 4293703133

 4294882794

Harmonies

Analogous

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



4287802707



4284200308



4278237600

Triad

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



4284200308



4283410682



4294148731

Complementary

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



4284200308



4290075548

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.



4294016678



4284200308



4288911599

Square

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



4284200308



4278236141



4292315345



4292907097

Rectangle

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



4284200308



4278237630



4292315345



4294279049

Sweetspot

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



4284200308



4291292113



4288525659



4284511590



4294309365



4285887861

Same Dimension

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



4284200308



4284410757



4284200352



4283455827



4278229290



4278196743

Inverse Universe

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



4290075548



4293615300



4290075504



4284043351



4288217199



4279894034

Previews

White Background



This preview shows how the Android color 4284200308 looks on a white background.

Color Contrast Check

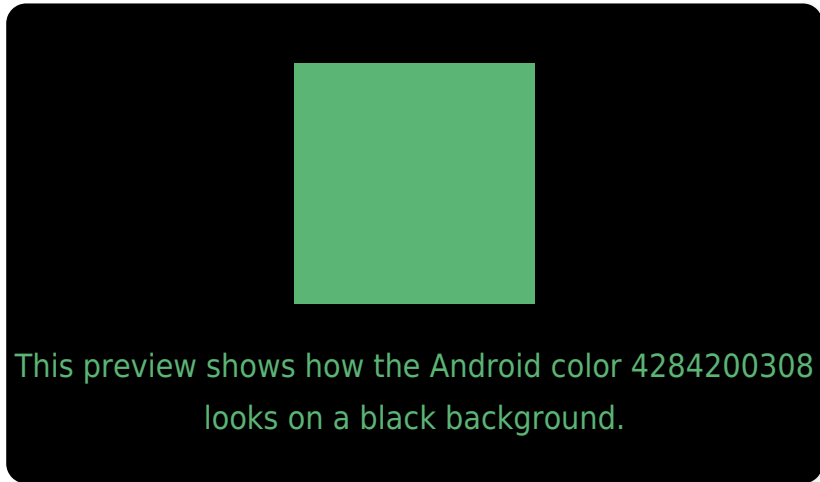
Large Text (above 18pt) WCAG AA × Fail

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 4284200308 Background



This preview shows how black text looks on a background with the Android color 4284200308.



This preview shows how white text looks on a background with the Android color 4284200308.

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

4284200308



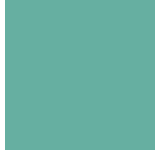
Protanomaly

4287670639



Deuteranomaly

4288390264



Tritanomaly

4284919713

Monochromacy



Original Color

4284200308



Achromatopsia

4287861651



Achromatomaly

4286553992

CSS Examples

Text

The CSS property to change the color of the text to Android 4284200308 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, 181, 116)` looks like.

```
.text, #text, p{  
    color:rgb(91, 181, 116)  
}
```

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, 181, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 181, 116) }
```

Border

The CSS property to change the border of an element to Android 4284200308 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, 181, 116) }
```

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

```
.border{ border-color:rgb(91, 181, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 181, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 181, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 181, 116);  
box-shadow:4px 4px 4px 4px rgb(91, 181,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4284200308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 181, 116) }
```

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

```
.background{ background-color: rgb(91, 181,  
116) }
```

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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