

Converting Colors

Android(4284201074)

Have a look what the booklet for
Android(4284201074) contains.

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Color

Android(4284201074)

Conversions

Conversions Part 1

Format	Color
Hex	5BB872
RGB	91, 184, 114
RGB Percent	36%, 72%, 45%
CMY	0.6431, 0.2784, 0.5529
CMYK	0.51, 0.00, 0.38, 0.28
HSL	135°, 40%, 54%
HSV	135°, 51%, 72%
XYZ	24.4921, 37.7200, 21.9094
YIQ	148.2130, -32.9580, -41.4860

Conversions

Conversions Part 2

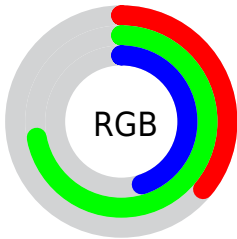
Format	Color
RYB	91, 166, 184
Decimal	6010994
CIELab	67.81, -43.09, 27.31
CIElCh	68, 51.016, 147.636
Yxy	37.7200, 0.2912, 0.4484
Android (android.graphics.Color)	4284201074 (0xFF5BB872)
YUV	148.2130, -16.8670, -50.1758
Hunter-Lab	61.4166, -36.2957, 21.8409

Details

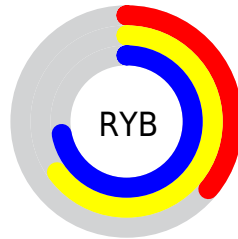
The Android color `4284201074` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290272161`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4287885734`, and `4280189505` is the 20% darker color. If you saturate the color by 10%, you get `4283021412`, and if you desaturate by 10%, it is `4285380736`.

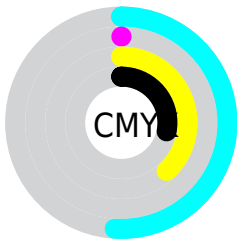
Distribution



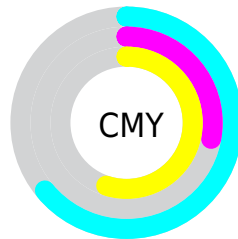
- Red (36%)
- Green (72%)
- Blue (45%)



- Red (36%)
- Yellow (65%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (38%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284201074 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 4284201074 by changing the saturation by 10% instead.

 4284201074

 4284201074

4294967295

 4282359129

 4287885734

 4280189505

 4289724354

 4278216746

 4291624926

 4278210323

 4293525499

 4278204160

 4278198784


 4278190080

 4284201074

 4284201074

 4283021412

 4285380736

 4281776214

 4286625934

 4280596552


 4287805596

 4279351355

 4289050793

 4278237230

 4290230455

 4291410117

 4292655315

 4293834977

 4294949103

Harmonies

Analogous

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



4287999824



4284201074



4278238368

Triad

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



4284201074



4282559487



4294607485

Complementary

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



4284201074



4290272161

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.



4294409899



4284201074



4288846839

Square

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



4284201074



4278236914



4292577751



4293300568

Rectangle

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



4284201074



4278238400



4292577751



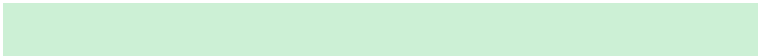
4294737804

Sweetspot

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



4284201074



4291621077



4288854107



4284643432



4294440951



4286085240

Same Dimension

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



4284201074



4284346498



4284201119



4283653205



4278230054



4278197255

Inverse Universe

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



4290272161



4293942732



4290272116



4284240730



4288413813



4280025109

Previews

White Background



This preview shows how the Android color 4284201074 looks on a white background.

Color Contrast Check

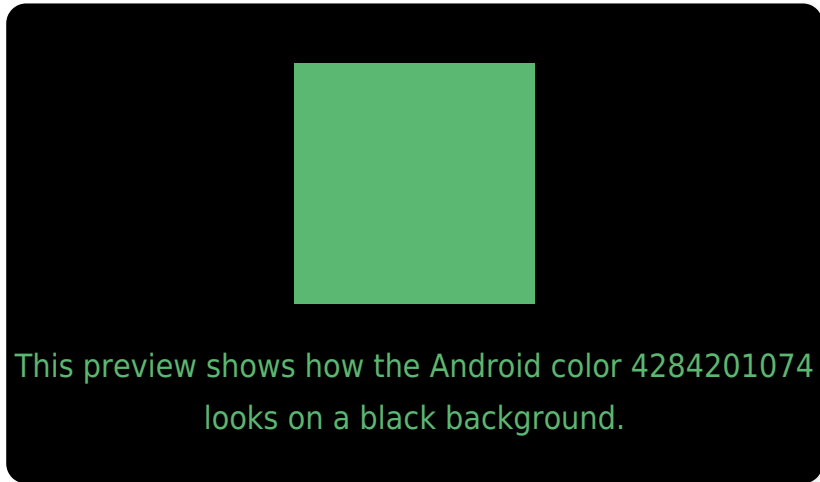
Large Text (above 18pt) WCAG AA × Fail

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 4284201074 Background



This preview shows how black text looks on a background with the Android color 4284201074.



This preview shows how white text looks on a background with the Android color 4284201074.

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
4284201074

Protanopia
4289963114

Deuteranopia
4290944376

Trichromacy



Original Color

4284201074



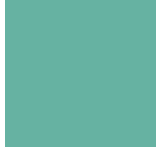
Protanomaly

4287867757



Deuteranomaly

4288522102



Tritanomaly

4284920482

Monochromacy



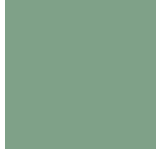
Original Color

4284201074



Achromatopsia

4287927444



Achromatomaly

4286554504

CSS Examples

Text

The CSS property to change the color of the text to Android 4284201074 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, 184, 114)` looks like.

```
.text, #text, p{  
    color:rgb(91, 184, 114)  
}
```

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, 184, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 184, 114) }
```

Border

The CSS property to change the border of an element to Android 4284201074 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, 184, 114) }
```

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

```
.border{ border-color:rgb(91, 184, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 184, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 184, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 184, 114);  
box-shadow:4px 4px 4px 4px rgb(91, 184,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4284201074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 184, 114) }
```

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

```
.background{ background-color: rgb(91, 184,  
114) }
```

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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