

Converting Colors

Android(4284207193)

Have a look what the booklet for
Android(4284207193) contains.

Android(4284207193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284207193)

Conversions

Conversions Part 1

Format	Color
Hex	5BD059
RGB	91, 208, 89
RGB Percent	36%, 82%, 35%
CMY	0.6431, 0.1843, 0.6510
CMYK	0.56, 0.00, 0.57, 0.18
HSL	119°, 56%, 58%
HSV	119°, 57%, 82%
XYZ	28.6734, 48.0572, 17.2159
YIQ	159.4510, -31.5330, -61.8130

Conversions

Conversions Part 2

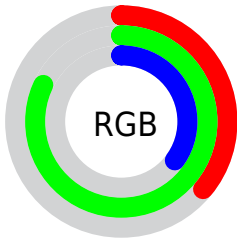
Format	Color
RYB	89, 208, 206
Decimal	6017113
CIELab	74.86, -56.30, 48.51
CIELCh	75, 74.318, 139.253
Yxy	48.0572, 0.3052, 0.5115
Android (android.graphics.Color)	4284207193 (0xFF5BD059)
YUV	159.4510, -34.7323, -60.0315
Hunter-Lab	69.3233, -47.4847, 33.8021

Details

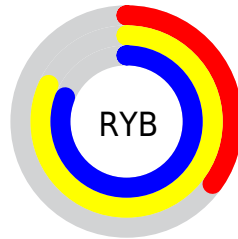
The Android color `4284207193` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted green. A complement of this color would be `4291713488`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4288085902`, and `4278949924` is the 20% darker color. If you saturate the color by 10%, you get `4282896452`, and if you desaturate by 10%, it is `4285517934`.

Distribution



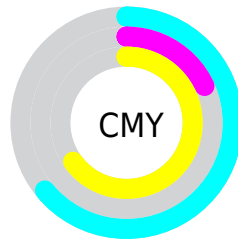
- Red (36%)
- Green (82%)
- Blue (35%)



- Red (35%)
- Yellow (82%)
- Blue (81%)



- Cyan (56%)
- Magenta (0%)
- Yellow (57%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284207193 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 4284207193 by changing the saturation by 10% instead.

 4284207193

 4284207193

4294967295

 4282102847

 4288085902

 4278949924

 4290052010

 4278222336

 4292018118

 4278215680

 4293984226

 4278209024

 4278203136

 4278196736


 4278190080

 4284207193

 4284207193

 4282896452

 4285517934

 4281520175

 4286894211

 4280209435

 4288204951

 4278833158

 4289581228

 4278439936

 4290891969

 4292268246

 4293578987

 4294955263

Harmonies

Analogous

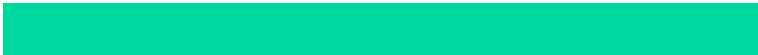
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289774114



4284207193



4278245276

Triad

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



4284207193



4278241279



4294932623

Complementary

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



4284207193



4291713488

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.



4294932948



4284207193



4287148287

Square

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



4284207193



4278244607



4294087423



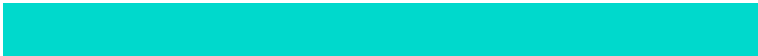
4294938706

Rectangle

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



4284207193



4278245836



4294087423



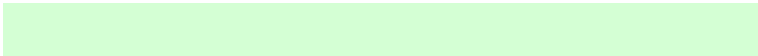
4294931878

Sweetspot

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



4284207193



4292149204



4291873881



4284907622



4278190080



4286611584

Same Dimension

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



4284207193



4283629391



4284076177



4284377438



4278429696



4278266112

Inverse Universe

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



4291713488



4294725631



4291844504



4285029993



4289003688



4280811561

Previews

White Background



This preview shows how the Android color 4284207193 looks on a white background.

Color Contrast Check

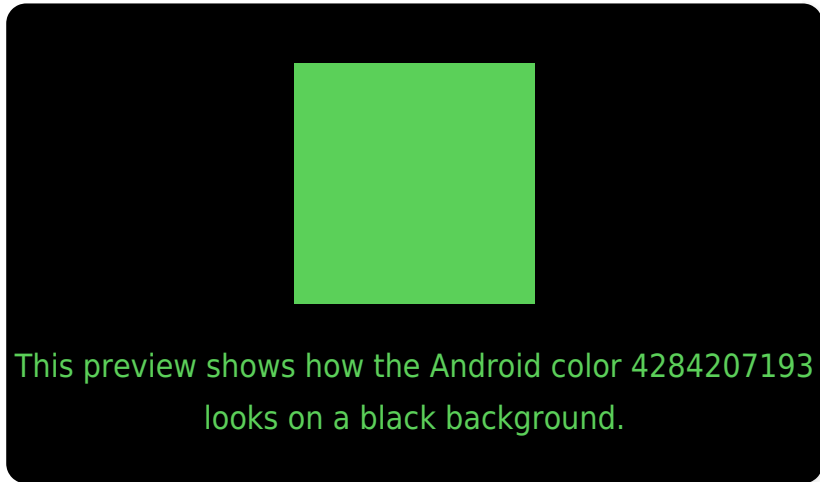
Large Text (above 18pt) WCAG AA × Fail

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 4284207193 Background



This preview shows how black text looks on a background with the Android color 4284207193.



This preview shows how white text looks on a background with the Android color 4284207193.

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

4284207193



Protanomaly

4288856148



Deuteranomaly

4289772127



Tritanomaly

4285384871

Monochromacy



Original Color

4284207193



Achromatopsia

4288651167



Achromatomaly

4287017350

CSS Examples

Text

The CSS property to change the color of the text to Android 4284207193 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, 208, 89)` looks like.

```
.text, #text, p{  
    color:rgb(91, 208, 89)  
}
```

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, 208, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 208, 89) }
```

Border

The CSS property to change the border of an element to Android 4284207193 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, 208, 89) }
```

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

```
.border{ border-color:rgb(91, 208, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 208, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 208, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 208, 89);  
box-shadow:4px 4px 4px 4px rgb(91, 208,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4284207193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 208, 89) }
```

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

```
.background{ background-color: rgb(91, 208,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor