

# Converting Colors

Android(4284209294)

Have a look what the booklet for  
Android(4284209294) contains.

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**Color**

**Android(4284209294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BD88E
RGB	91, 216, 142
RGB Percent	36%, 85%, 56%
CMY	0.6431, 0.1529, 0.4431
CMYK	0.58, 0.00, 0.34, 0.15
HSL	144°, 62%, 60%
HSV	144°, 58%, 85%
XYZ	33.7527, 53.2889, 34.0980
YIQ	170.1890, -50.7460, -49.5140

# Conversions

## Conversions Part 2

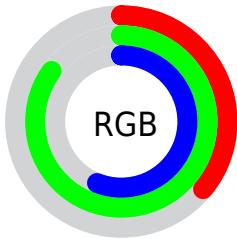
Format	Color
<b>RYB</b>	91, 180, 216
Decimal	6019214
CIELab	78.05, -51.29, 26.33
CIELCh	78, 57.657, 152.828
Yxy	53.2889, 0.2786, 0.4399
Android (android.graphics.Color)	4284209294 (0xFF5BD88E)
YUV	170.1890, -13.8972, -69.4488
Hunter-Lab	72.9992, -45.2154, 23.4050

# Details

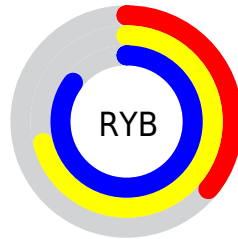
The Android color `4284209294` is a dark color, and the websafe version is hex `33CC99`. The color can be described as middle muted spring green. A complement of this color would be `4292369317`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4288085956`, and `4278886491` is the 20% darker color. If you saturate the color by 10%, you get `4282767489`, and if you desaturate by 10%, it is `4285651099`.

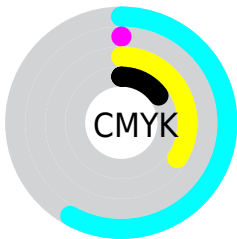
# Distribution



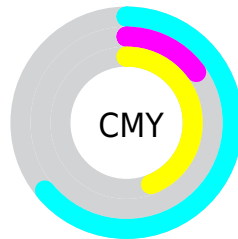
- Red (36%)
- Green (85%)
- Blue (56%)



- Red (36%)
- Yellow (71%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (34%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284209294 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 4284209294 by changing the saturation by 10% instead.





4284209294



4284209294

4294967295



4282104948



4288085956



4278886491



4290052064



4278224195



4292018173



4278217516



4293984255



4278211093



4278204672



4278199040



4278190080




4284209294



4284209294

 4282767489

 4285651099

 4281391220

 4287027368


 4279949416

 4288469172

 4278573147

 4289845441

 4278245464

 4291287246

 4292729051

 4294105320

 4294957300

 4294957311

# Harmonies

## Analogous

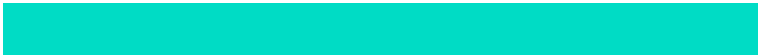
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288991075



4284209294



4278246597

# Triad

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



4284209294



4284990975



4294941322

# Complementary

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



4284209294



4292369317

# 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.



4294939582



4284209294



4291539455

# Square

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



4284209294



4278244351



4294942195



4294945890

# Rectangle

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



4284209294



4278246633



4294942195



4294940314

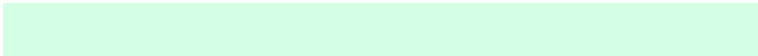


# Sweetspot

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



4284209294



4292149221



4289124443



4284907632



4278190080



4286611584



# Same Dimension

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



4284209294



4283432855



4284209355



4284509029



4278233926



4278201106



# Inverse Universe

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



4292369317



4294922167



4292369256



4285227111



4289396837



4281008154



# Previews

## White Background



This preview shows how the Android color 4284209294 looks on a white background.

## Color Contrast Check

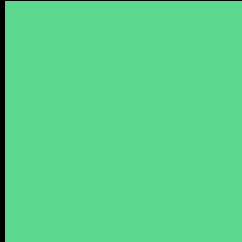
Large Text (above 18pt) WCAG AA × Fail

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 4284209294 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 4284209294 Background



This preview shows how black text looks on a background with the Android color 4284209294.



This preview shows how white text looks on a background with the Android color 4284209294.

# 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**

4284209294



**Protanomaly**

4289054856



**Deuteranomaly**

4289774738



**Tritanomaly**

4285190850

# Monochromacy



**Original Color**

4284209294



**Achromatopsia**

4289374890



**Achromatomaly**

4287478688

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284209294 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, 216, 142)` looks like.

```
.text, #text, p{  
    color:rgb(91, 216, 142)  
}
```

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, 216, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 216, 142) }
```

## Border

The CSS property to change the border of an element to Android 4284209294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

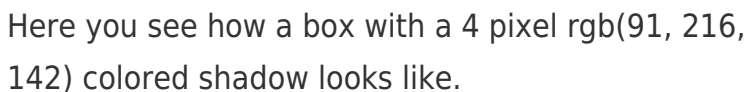
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 216, 142) }
```

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

```
.border{ border-color:rgb(91, 216, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 216, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 216, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 216, 142);  
box-shadow:4px 4px 4px 4px rgb(91, 216,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4284209294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 216, 142) }
```

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

```
.background{ background-color: rgb(91, 216,  
142) }
```

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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