

# Converting Colors

Android(4284015976)

Have a look what the booklet for  
Android(4284015976) contains.

|  |    |
|--|----|
| <b>Android(4284015976)</b> .....               | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Android(4284015976)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 58E568                       |
| RGB         | 88, 229, 104                 |
| RGB Percent | 35%, 90%, 41%                |
| CMY         | 0.6549, 0.1020, 0.5922       |
| CMYK        | 0.62, 0.00, 0.55, 0.10       |
| HSL         | 127°, 73%, 62%               |
| HSV         | 127°, 62%, 90%               |
| XYZ         | 34.5425, 59.1128, 22.6860    |
| YIQ         | 172.5910, -43.9110, -68.7670 |

# Conversions

## Conversions Part 2

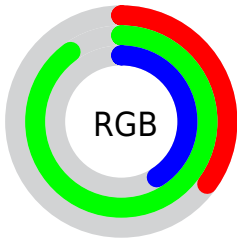
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">88, 215, 229</a>                 |
| Decimal                             | <a href="#">5825896</a>                      |
| CIELab                              | <a href="#">81.35, -62.81, 49.28</a>         |
| CIElCh                              | <a href="#">81, 79.840, 141.882</a>          |
| Yxy                                 | <a href="#">59.1128, 0.2969, 0.5081</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284015976<br/>(0xFF58E568)</a>  |
| YUV                                 | <a href="#">172.5910, -33.8154, -74.1863</a> |
| Hunter-Lab                          | <a href="#">76.8849, -54.3528, 36.3250</a>   |

# Details

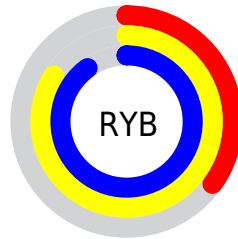
The Android color **4284015976** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **4293220565**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4288151454**, and **4278234163** is the 20% darker color. If you saturate the color by 10%, you get **4282508628**, and if you desaturate by 10%, it is **4285523324**.

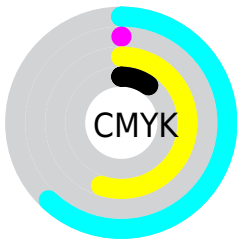
# Distribution



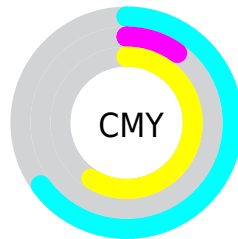
- Red (35%)
- Green (90%)
- Blue (41%)



- Red (35%)
- Yellow (84%)
- Blue (90%)



- Cyan (62%)
- Magenta (0%)
- Yellow (55%)
- Black (10%)



- Cyan (65%)
- Magenta (10%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284015976 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 4284015976 by changing the saturation by 10% instead.





4284015976



4284015976

4294967295



4281583694



4288151454



4278234163



4290117562



4278227222



4292083670



4278220288



4294115315



4278213632



4278207232



4278201088



4278192384



4278190080

 4284015976

 4284015976

 4282508628

 4285523324

 4281001279


 4287030673

 4279493931

 4288538021

 4278248730

 4290045369

 4291552718

 4292994530

 4294501878

 4294960639

# Harmonies

## Analogous

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



4290500394



4284015976



4278250675

# Triad

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



4284015976



4278245887



4294936215

# Complementary

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



4284015976



4293220565

# 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.



4294935522



4284015976



4288921599

# Square

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



4284015976



4278249727



4294942207



4294943061

# Rectangle

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



4284015976



4278250983



4294942207



4294934959

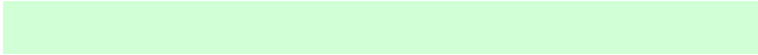


# Sweetspot

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



4284015976



4291952598



4292339032



4284711015



4278190080



4286611584



# Same Dimension

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



4284015976



4282580824



4284016045



4284969833



4278235924



4278203142



# Inverse Universe

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



4293220565



4294918890



4293220496



4285753201



4289921182

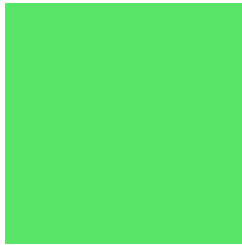


4281532461



# Previews

## White Background



This preview shows how the Android color 4284015976 looks on a white background.

## Color Contrast Check

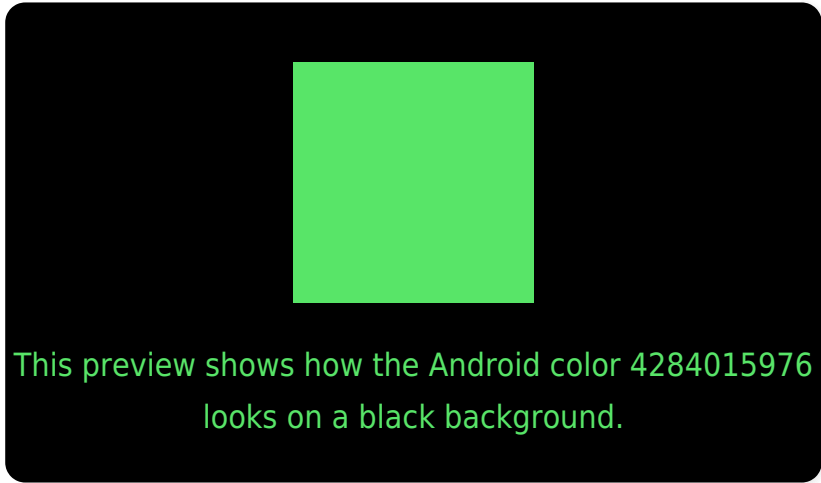
Large Text (above 18pt) WCAG AA × Fail

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 4284015976 Background



This preview shows how black text looks on a background with the Android color 4284015976.

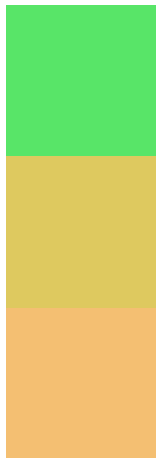


This preview shows how white text looks on a background with the Android color 4284015976.

# 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**  
4284015976

**Protanopia**  
4292790623

**Deuteranopia**  
4294229874



# Trichromacy



**Original Color**

4284015976



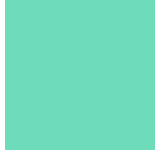
**Protanomaly**

4289581922



**Deuteranomaly**

4290497902



**Tritanomaly**

4285455546

# Monochromacy



**Original Color**

4284015976



**Achromatopsia**

4289572269



**Achromatomaly**

4287545748

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284015976 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(88, 229, 104)` looks like.

```
.text, #text, p{  
    color:rgb(88, 229, 104)  
}
```

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(88, 229, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 229, 104) }
```

## Border

The CSS property to change the border of an element to Android 4284015976 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(88, 229, 104) }
```

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

```
.border{ border-color:rgb(88, 229, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 229, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 229, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 229, 104);  
box-shadow:4px 4px 4px 4px rgb(88, 229,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4284015976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 229, 104) }
```

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

```
.background{ background-color: rgb(88, 229,  
104) }
```

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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