

Converting Colors

Android(4285459586)

Have a look what the booklet for
Android(4285459586) contains.

Android(4285459586)	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(4285459586)

Conversions

Conversions Part 1

Format	Color
Hex	6EEC82
RGB	110, 236, 130
RGB Percent	43%, 93%, 51%
CMY	0.5686, 0.0745, 0.4902
CMYK	0.53, 0.00, 0.45, 0.07
HSL	130°, 77%, 68%
HSV	130°, 53%, 93%
XYZ	40.4551, 64.9176, 31.5172
YIQ	186.2420, -41.0700, -59.6780

Conversions

Conversions Part 2

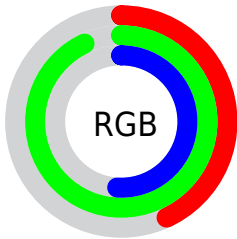
Format	Color
RYB	110, 219, 236
Decimal	7269506
CIELab	84.44, -56.83, 40.87
CIELCh	84, 70.000, 144.273
Yxy	64.9176, 0.2955, 0.4742
Android (android.graphics.Color)	4285459586 (0xFF6EEC82)
YUV	186.2420, -27.7273, -66.8642
Hunter-Lab	80.5715, -51.3748, 33.2075

Details

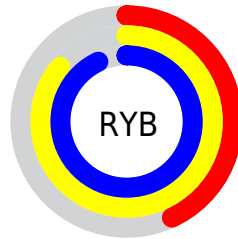
The Android color **4285459586** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **4293684952**, and the grayscale version is **4290493371**.

A 20% lighter version of the original color is **4289396664**, and **4281054030** is the 20% darker color. If you saturate the color by 10%, you get **4283886702**, and if you desaturate by 10%, it is **4287032470**.

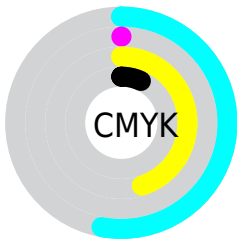
Distribution



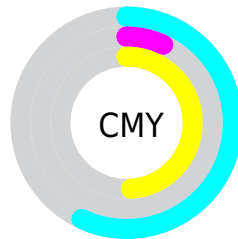
- Red (43%)
- Green (93%)
- Blue (51%)



- Red (43%)
- Yellow (86%)
- Blue (93%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (7%)



- Cyan (57%)
- Magenta (7%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285459586 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 4285459586 by changing the saturation by 10% instead.

 4285459586

 4285459586

4294967295

 4283420520

 4289396664

 4281054030

 4291297236

 4278229045

 4293263345

 4278222107

 4278215424

 4278209024

 4278203136

 4278196224

 4278190080

 4285459586

 4285459586

 4283886702

 4287032470

 4282379354

 4288539818

 4280806470

 4290112702

 4279299123

 4291620049

 4278250533

 4293192933

 4294765817

 4294962431

Harmonies

Analogous

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



4290961234



4285459586



4278252227

Triad

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



4285459586



4278247167



4294941856

Complementary

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



4285459586



4293684952

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.



4294940898



4285459586



4290823935

Square

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



4285459586



4278250751



4294945791



4294947432

Rectangle

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



4285459586



4278252529



4294945791



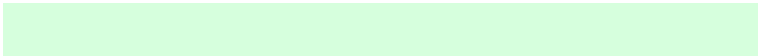
4294940854

Sweetspot

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



4285459586



4292280285



4292471918



4284973163



4278190080



4286611584

Same Dimension

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



4285459586



4284284790



4285459648



4285166955



4278236445



4278203912

Inverse Universe

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



4293684952



4294925541



4293684890



4285885043



4290052248



4281729069

Previews

White Background



This preview shows how the Android color 4285459586 looks on a white background.

Color Contrast Check

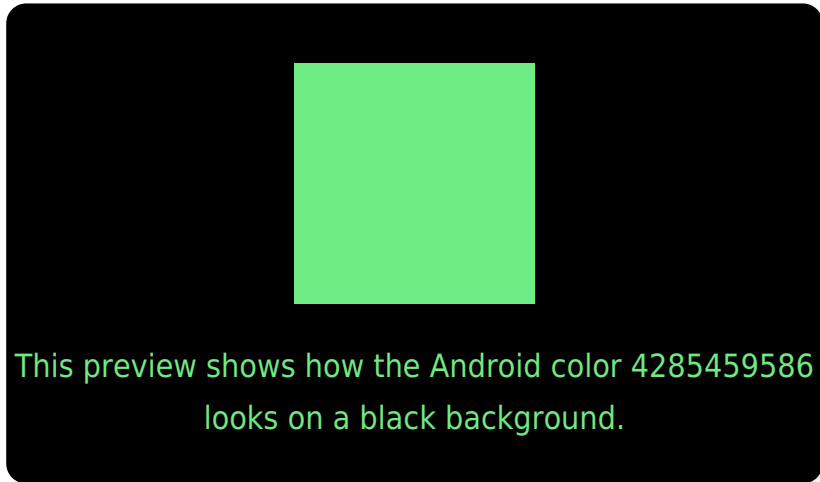
Large Text (above 18pt) WCAG AA × Fail

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 4285459586 Background



This preview shows how black text looks on a background with the Android color 4285459586.

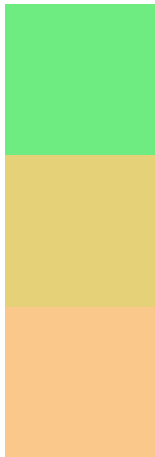


This preview shows how white text looks on a background with the Android color 4285459586.

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
4285459586

Protanopia
4293251448

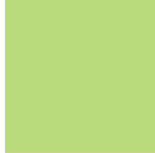
Deuteranopia
4294690955

Trichromacy



Original Color

4285459586



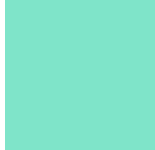
Protanomaly

4290435964



Deuteranomaly

4291351944



Tritanomaly

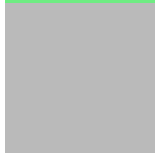
4286571721

Monochromacy



Original Color

4285459586



Achromatopsia

4290427578



Achromatomaly

4288597158

CSS Examples

Text

The CSS property to change the color of the text to Android 4285459586 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(110, 236, 130)` looks like.

```
.text, #text, p{  
    color:rgb(110, 236, 130)  
}
```

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(110, 236, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 236, 130) }
```

Border

The CSS property to change the border of an element to Android 4285459586 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(110, 236, 130) }
```

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

```
.border{ border-color:rgb(110, 236, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 236, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 236, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 236, 130);  
box-shadow:4px 4px 4px 4px rgb(110, 236,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4285459586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 236, 130) }
```

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

```
.background{ background-color: rgb(110,  
236, 130) }
```

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