

Converting Colors

Android(4286964355)

Have a look what the booklet for
Android(4286964355) contains.

Android(4286964355)	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(4286964355)

Conversions

Conversions Part 1

Format	Color
Hex	85E283
RGB	133, 226, 131
RGB Percent	52%, 89%, 51%
CMY	0.4784, 0.1137, 0.4863
CMYK	0.41, 0.00, 0.42, 0.11
HSL	119°, 62%, 70%
HSV	119°, 42%, 89%
XYZ	40.9660, 61.0180, 31.0912
YIQ	187.3630, -24.9330, -49.2610

Conversions

Conversions Part 2

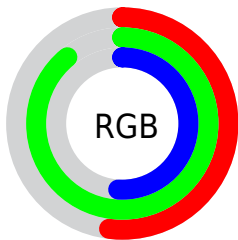
Format	Color
RYB	131, 226, 224
Decimal	8774275
CIELab	82.39, -46.40, 37.93
CIELCh	82, 59.934, 140.733
Yxy	61.0180, 0.3078, 0.4585
Android (android.graphics.Color)	4286964355 (0xFF85E283)
YUV	187.3630, -27.7870, -47.6764
Hunter-Lab	78.1140, -43.0873, 31.0809

Details

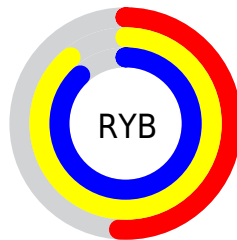
The Android color `4286964355` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4292903906`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4290707385`, and `4283279952` is the 20% darker color. If you saturate the color by 10%, you get `4285522540`, and if you desaturate by 10%, it is `4288406170`.

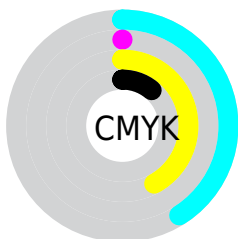
Distribution



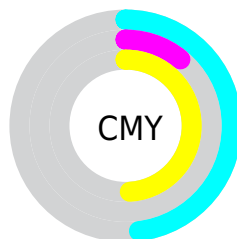
- Red (52%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286964355 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 4286964355 by changing the saturation by 10% instead.



4286964355



4286964355

4294967295



4285122153



4290707385



4283279952



4292607957



4281241399



4294574066



4278285598



4278213378



4278207232



4278201600



4278193920



4278190080

 4286964355

 4286964355

 4285522540


 4288406170

 4284080726

 4289847984

 4282638911

 4291289799

 4281197097

 4292731613

 4279689746

 4294238964

 4278575616

 4294959871

Harmonies

Analogous

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



4291286623



4286964355



4278249657

Triad

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



4286964355



4278966527



4294942632

Complementary

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



4286964355



4292903906

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.



4294942689



4286964355



4290037247

Square

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



4286964355



4278248703



4294946815



4294946680

Rectangle

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



4286964355



4278250208



4294946815



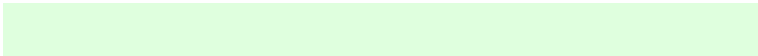
4294942139

Sweetspot

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



4286964355



4292870110



4293058435



4285300843



4278190080



4286611584

Same Dimension

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



4286964355



4286775168



4286833327



4284837989



4278497280



4278267904

Inverse Universe

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



4292903906



4294738175



4293034934



4285556080



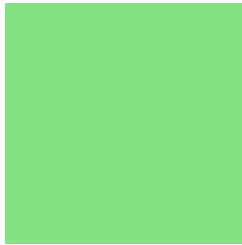
4289462448



4281270320

Previews

White Background



This preview shows how the Android color 4286964355 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 4286964355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

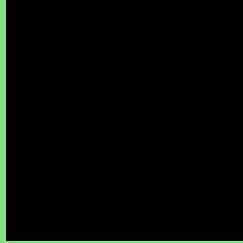
Any Text WCAG AA ✓ Pass

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 4286964355 Background



This preview shows how black text looks on a background with the Android color 4286964355.



This preview shows how white text looks on a background with the Android color 4286964355.

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

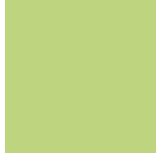


Trichromacy



Original Color

4286964355



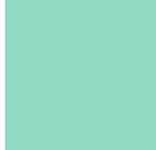
Protanomaly

4290696318



Deuteranomaly

4291612295



Tritanomaly

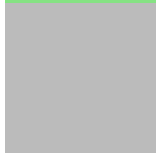
4287814339

Monochromacy



Original Color

4286964355



Achromatopsia

4290493371



Achromatomaly

4289186215

CSS Examples

Text

The CSS property to change the color of the text to Android 4286964355 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(133, 226, 131)` looks like.

```
.text, #text, p{  
    color:rgb(133, 226, 131)  
}
```

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(133, 226, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 226, 131) }
```

Border

The CSS property to change the border of an element to Android 4286964355 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(133, 226, 131) }
```

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

```
.border{ border-color:rgb(133, 226, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 226, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 226, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 226, 131); box-shadow:4px 4px 4px 4px rgb(133, 226, 131) }
```

Background

The CSS property to change the background color of an element to Android 4286964355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 226, 131) }
```

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

```
.background{ background-color: rgb(133,  
226, 131) }
```

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