

Converting Colors

Android(4286833526)

Have a look what the booklet for
Android(4286833526) contains.

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Color

Android(4286833526)

Conversions

Conversions Part 1

Format	Color
Hex	83E376
RGB	131, 227, 118
RGB Percent	51%, 89%, 46%
CMY	0.4863, 0.1098, 0.5373
CMYK	0.42, 0.00, 0.48, 0.11
HSL	113°, 66%, 68%
HSV	113°, 48%, 89%
XYZ	40.0992, 61.0715, 26.8141
YIQ	185.8700, -22.2270, -54.2510

Conversions

Conversions Part 2

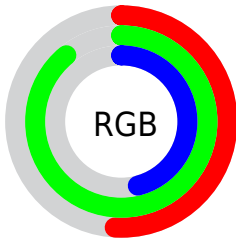
Format	Color
RYB	118, 227, 214
Decimal	8643446
CIELab	82.42, -49.21, 44.32
CIELCh	82, 66.227, 137.990
Yxy	61.0715, 0.3133, 0.4772
Android (android.graphics.Color)	4286833526 (0xFF83E376)
YUV	185.8700, -33.4599, -48.1210
Hunter-Lab	78.1482, -45.1681, 34.3603

Details

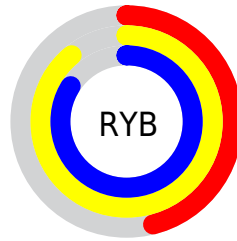
The Android color `4286833526` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4292245219`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4290576300`, and `4283083586` is the 20% darker color. If you saturate the color by 10%, you get `4285522783`, and if you desaturate by 10%, it is `4288144269`.

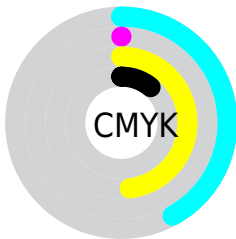
Distribution



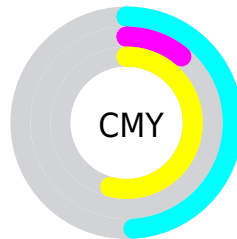
- Red (51%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (84%)



- Cyan (42%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286833526 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 4286833526 by changing the saturation by 10% instead.

 4286833526

 4286833526

4294967295

 4284991324

 4290576300

 4283083586

 4292542408

 4280979497

 4294442980

 4278220043

 4278213632

 4278207232

 4278201600

 4278194176

 4278190080

 4286833526

 4286833526

 4285522783

 4288144269

 4284212041

 4289455011

 4282901298

 4290765754

 4281590555

 4292076497

 4280279813

 4293387240

 4280017664

 4294697982

 4294960127

Harmonies

Analogous

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



4291614031



4286833526



4278250161

Triad

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



4286833526



4278246399



4294940842

Complementary

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



4286833526



4292245219

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.



4294941161



4286833526



4288989183

Square

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



4286833526



4278249471



4294946303



4294945139

Rectangle

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



4286833526



4278250716



4294946303



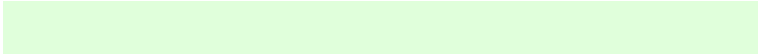
4294940351

Sweetspot

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



4286833526



4292935643



4293121142



4285300842



4278190080



4286611584

Same Dimension

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



4286833526



4286447467



4285981598



4285100903



4279612160



4278596352

Inverse Universe

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



4292245219



4293749759



4293097147



4285622131



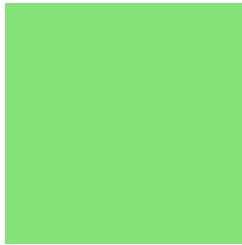
4288479411



4281139251

Previews

White Background



This preview shows how the Android color 4286833526 looks on a white background.

Color Contrast Check

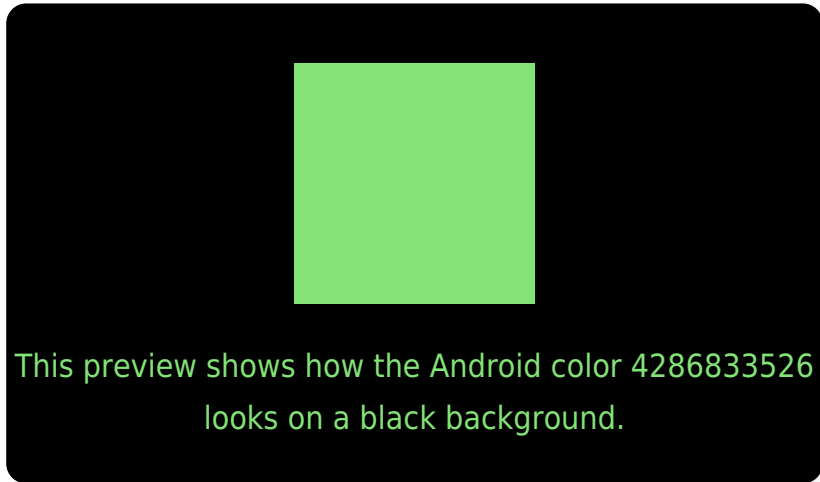
Large Text (above 18pt) WCAG AA × Fail

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

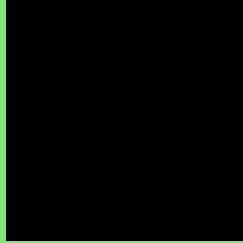
Any Text WCAG AA ✓ Pass

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 4286833526 Background



This preview shows how black text looks on a background with the Android color 4286833526.



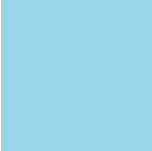
This preview shows how white text looks on a background with the Android color 4286833526.

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





Tritanopia
4288272104

Trichromacy



Original Color

4286833526



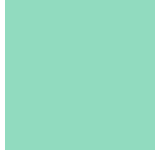
Protanomaly

4290696305



Deuteranomaly

4291678075



Tritanomaly

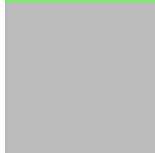
4287749055

Monochromacy



Original Color

4286833526



Achromatopsia

4290427578



Achromatomaly

4289120673

CSS Examples

Text

The CSS property to change the color of the text to Android 4286833526 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(131, 227, 118)` looks like.

```
.text, #text, p{  
    color:rgb(131, 227, 118)  
}
```

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(131, 227, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 227, 118) }
```

Border

The CSS property to change the border of an element to Android 4286833526 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(131, 227, 118) }
```

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

```
.border{ border-color:rgb(131, 227, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 227, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 227, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 227, 118);  
box-shadow:4px 4px 4px 4px rgb(131, 227,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4286833526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 227, 118) }
```

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

```
.background{ background-color: rgb(131,  
227, 118) }
```

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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