

Converting Colors

Android(4286042133)

Have a look what the booklet for
Android(4286042133) contains.

Android(4286042133)	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(4286042133)

Conversions

Conversions Part 1

Format	Color
Hex	77D015
RGB	119, 208, 21
RGB Percent	47%, 82%, 8%
CMY	0.5333, 0.1843, 0.9176
CMYK	0.43, 0.00, 0.90, 0.18
HSL	89°, 82%, 45%
HSV	89°, 90%, 82%
XYZ	30.2990, 49.0878, 8.5874
YIQ	160.0710, 6.9830, -77.0250

Conversions

Conversions Part 2

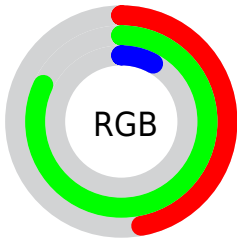
Format	Color
RYB	21, 208, 110
Decimal	7852053
CIELab	75.51, -52.86, 72.00
CIELCh	76, 89.322, 126.286
Yxy	49.0878, 0.3444, 0.5580
Android (android.graphics.Color)	4286042133 (0xFF77D015)
YUV	160.0710, -68.5620, -36.0193
Hunter-Lab	70.0627, -45.4165, 41.7768

Details

The Android color **4286042133** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4285404624**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4289920858**, and **4281964800** is the 20% darker color. If you saturate the color by 10%, you get **4285386752**, and if you desaturate by 10%, it is **4286697514**.

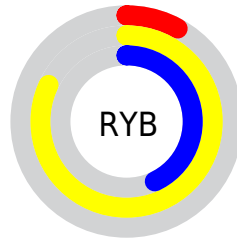
Distribution



Red (47%)

Green (82%)

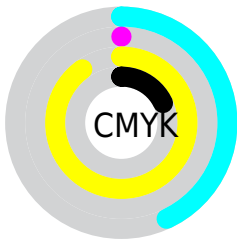
Blue (8%)



Red (8%)

Yellow (82%)

Blue (43%)

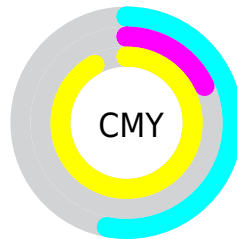


Cyan (43%)

Magenta (0%)

Yellow (90%)

Black (18%)



Cyan (53%)

Magenta (18%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286042133 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 4286042133 by changing the saturation by 10% instead.



4286042133



4286042133

4294967295



4284068864



4289920858



4281964800



4291886967



4279139840



4293853075



4278215680



4294967216



4278209280



4294967245



4278203392



4294967275



4278197248



4278190080



4286042133



4286042133

■ 4285386752

■ 4286697514

■ 4287352895

■ 4288008275

■ 4288663656

■ 4289253501

■ 4289908882

■ 4290564263

■ 4291219643

■ 4291875024

Harmonies

Analogous

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



4291804160



4286042133



4278246260

Triad

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



4286042133



4278244607



4294925484

Complementary

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



4286042133



4285404624

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.



4294930942



4286042133



4278239231

Square

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



4286042133



4278246911



4291795967



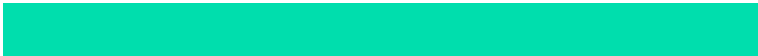
4294932061

Rectangle

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



4286042133



4278247085



4291795967



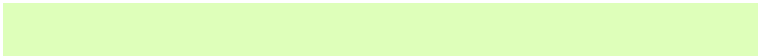
4294926024

Sweetspot

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



4286042133



4292804538



4291849237



4285300823



4278190080



4286611584

Same Dimension

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



4286042133



4287037184



4280012821



4284770654



4284000256



4279576832

Inverse Universe

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



4285404624



4286120191



4291433936



4284702313



4283433128



4279435305

Previews

White Background



This preview shows how the Android color 4286042133 looks on a white background.

Color Contrast Check

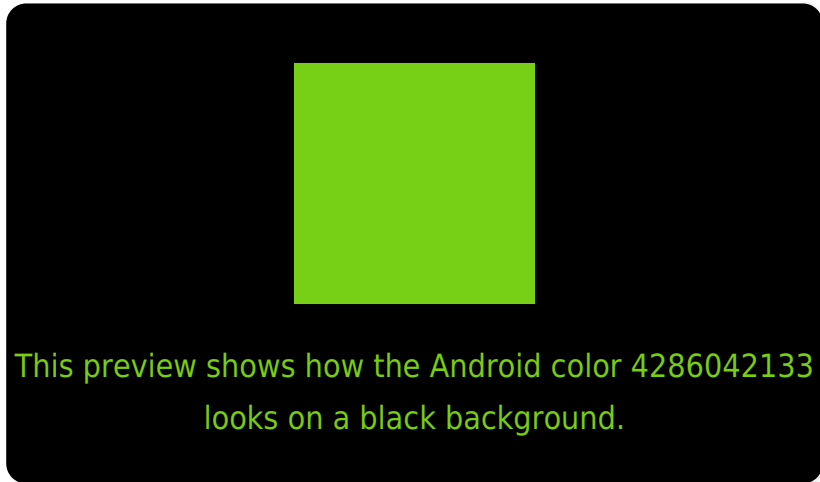
Large Text (above 18pt) WCAG AA × Fail

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 4286042133 Background



This preview shows how black text looks on a background with the Android color 4286042133.



This preview shows how white text looks on a background with the Android color 4286042133.

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
4286042133

Protanopia
4291934474

Deuteranopia
4293504814

Trichromacy



Original Color
4286042133



Protanomaly
4289773838



Deuteranomaly
4290820901



Tritanomaly
4287022733

Monochromacy



Original Color
4286042133



Achromatopsia
4288716960



Achromatomaly
4287738221

CSS Examples

Text

The CSS property to change the color of the text to Android 4286042133 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(119, 208, 21)` looks like.

```
.text, #text, p{  
    color:rgb(119, 208, 21)  
}
```

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(119, 208, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 208, 21) }
```

Border

The CSS property to change the border of an element to Android 4286042133 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(119, 208, 21) }
```

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

```
.border{ border-color:rgb(119, 208, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 208, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 208, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 208, 21);  
box-shadow:4px 4px 4px 4px rgb(119, 208,  
21) }
```

Background

The CSS property to change the background color of an element to Android 4286042133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 208, 21) }
```

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

```
.background{ background-color: rgb(119,  
208, 21) }
```

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