

Converting Colors

Android(4286890577)

Have a look what the booklet for
Android(4286890577) contains.

Android(4286890577)	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(4286890577)

Conversions

Conversions Part 1

Format	Color
Hex	84C251
RGB	132, 194, 81
RGB Percent	52%, 76%, 32%
CMY	0.4824, 0.2392, 0.6824
CMYK	0.32, 0.00, 0.58, 0.24
HSL	93°, 48%, 54%
HSV	93°, 58%, 76%
XYZ	30.2927, 44.0832, 14.6969
YIQ	162.5800, -0.6790, -48.2870

Conversions

Conversions Part 2

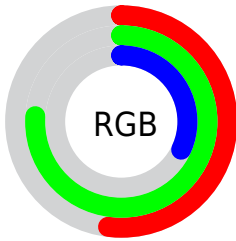
Format	Color
RYB	81, 194, 143
Decimal	8700497
CIELab	72.28, -39.00, 49.62
CIELCh	72, 63.112, 128.165
Yxy	44.0832, 0.3401, 0.4949
Android (android.graphics.Color)	4286890577 (0xFF84C251)
YUV	162.5800, -40.2189, -26.8187
Hunter-Lab	66.3952, -34.7512, 33.3525

Details

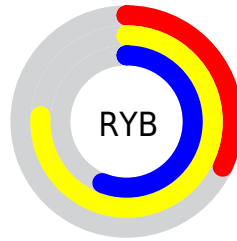
The Android color `4286890577` is a dark color, and the websafe version is hex `99CC66`. The color can be described as middle muted chartreuse. A complement of this color would be `4287582658`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4290575238`, and `4283272219` is the 20% darker color. If you saturate the color by 10%, you get `4286169662`, and if you desaturate by 10%, it is `4287611492`.

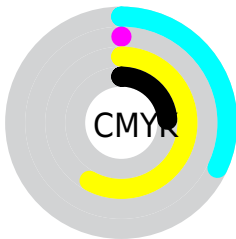
Distribution



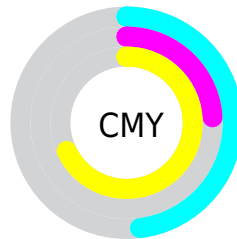
- Red (52%)
- Green (76%)
- Blue (32%)



- Red (32%)
- Yellow (76%)
- Blue (56%)



- Cyan (32%)
- Magenta (0%)
- Yellow (58%)
- Black (24%)



- Cyan (48%)
- Magenta (24%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286890577 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 4286890577 by changing the saturation by 10% instead.



4286890577



4286890577

4294967295



4285114167



4290575238



4283272219



4292476833



4281496064



4294377405



4279392512



4294967257



4278206720



4294967286



4278201088



4278193920



4278190080



4286890577



4286890577

■ 4286169662

■ 4287611492

■ 4285514282

■ 4288266872

■ 4284793367

■ 4288987787

■ 4284072451

■ 4289708703

■ 4284006912

■ 4290364082

■ 4291084997

■ 4291805913

■ 4292461292

■ 4293182207

Harmonies

Analogous

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



4290949941



4286890577



4278241924

Triad

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



4286890577



4278240255



4294933668

Complementary

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



4286890577



4287582658

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.



4294936029



4286890577



4284265215

Square

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



4286890577



4278242295



4291402751



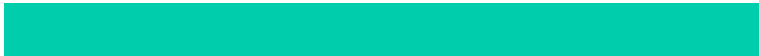
4294936941

Rectangle

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



4286890577



4278242732



4291402751



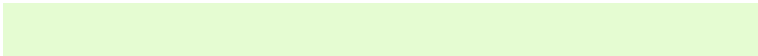
4294933943

Sweetspot

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



4286890577



4293262546



4290940241



4285694054



4278190080



4286611584

Same Dimension

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



4286890577



4288412748



4283548245



4284244311



4283015424



4279181568

Inverse Universe

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



4287582658



4289547516



4290924990



4284307297



4283957409



4279369761

Previews

White Background



This preview shows how the Android color 4286890577 looks on a white background.

Color Contrast Check

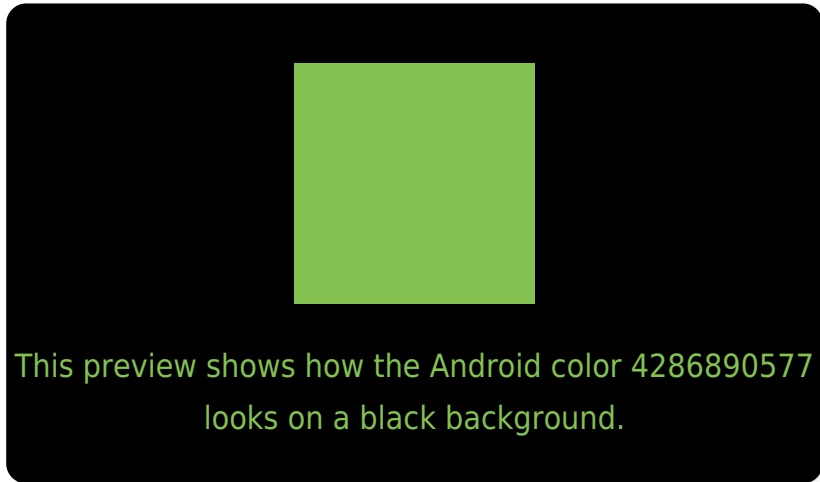
Large Text (above 18pt) WCAG AA × Fail

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 4286890577 Background



This preview shows how black text looks on a background with the Android color 4286890577.



This preview shows how white text looks on a background with the Android color 4286890577.

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

4286890577



Protanomaly

4289574734



Deuteranomaly

4290425173



Tritanomaly

4287609499

Monochromacy



Original Color

4286890577



Achromatopsia

4288914339



Achromatomaly

4288196229

CSS Examples

Text

The CSS property to change the color of the text to Android 4286890577 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(132, 194, 81)` looks like.

```
.text, #text, p{  
    color:rgb(132, 194, 81)  
}
```

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(132, 194, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 194, 81) }
```

Border

The CSS property to change the border of an element to Android 4286890577 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(132, 194, 81) }
```

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

```
.border{ border-color:rgb(132, 194, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 194, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 194, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 194, 81);  
box-shadow:4px 4px 4px 4px rgb(132, 194,  
81) }
```

Background

The CSS property to change the background color of an element to Android 4286890577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 194, 81) }
```

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

```
.background{ background-color: rgb(132,  
194, 81) }
```

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