

Converting Colors

Android(4286237800)

Have a look what the booklet for
Android(4286237800) contains.

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Color

Android(4286237800)

Conversions

Conversions Part 1

Format	Color
Hex	7ACC68
RGB	122, 204, 104
RGB Percent	48%, 80%, 41%
CMY	0.5216, 0.2000, 0.5922
CMYK	0.40, 0.00, 0.49, 0.20
HSL	109°, 50%, 60%
HSV	109°, 49%, 80%
XYZ	32.1176, 48.3228, 20.7312
YIQ	168.0820, -16.7720, -48.4840

Conversions

Conversions Part 2

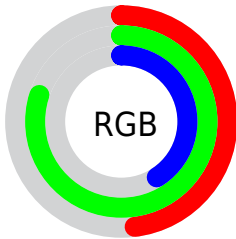
Format	Color
RYB	104, 204, 186
Decimal	8047720
CIELab	75.03, -44.10, 41.89
CIELCh	75, 60.823, 136.475
Yxy	48.3228, 0.3175, 0.4776
Android (android.graphics.Color)	4286237800 (0xFF7ACC68)
YUV	168.0820, -31.5924, -40.4139
Hunter-Lab	69.5146, -39.1788, 30.9783

Details

The Android color `4286237800` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290406604`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4289920925`, and `4282553653` is the 20% darker color. If you saturate the color by 10%, you get `4285123668`, and if you desaturate by 10%, it is `4287351932`.

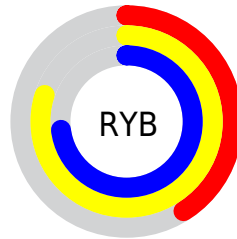
Distribution



Red (48%)

Green (80%)

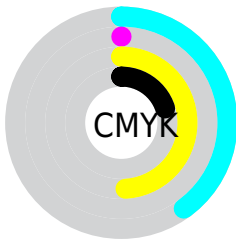
Blue (41%)



Red (41%)

Yellow (80%)

Blue (73%)

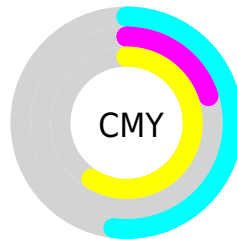


Cyan (40%)

Magenta (0%)

Yellow (49%)

Black (20%)



Cyan (52%)

Magenta (20%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286237800 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 4286237800 by changing the saturation by 10% instead.

 4286237800

 4286237800

4294967295

 4284395598

 4289920925

 4282553653

 4291821496

 4280580892

 4293722069

 4278214912

 4294967281

 4278208768

 4278202624

 4278196736

 4278190080

 4286237800

 4286237800

 4285123668

 4287351932

 4284075071

 4288400529

 4282960939

 4289514661

 4281846806

 4290628794

 4280732674

 4291742926

 4280667136

 4292791522

 4293905655

 4294954239

Harmonies

Analogous

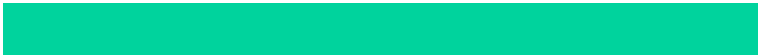
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290428742



4286237800



4278244253

Triad

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



4286237800



4278241023



4294936732

Complementary

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



4286237800



4290406604

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.



4294937557



4286237800



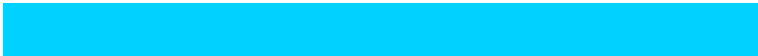
4287608063

Square

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



4286237800



4278243839



4293172735



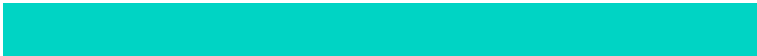
4294940522

Rectangle

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



4286237800



4278244548



4293172735



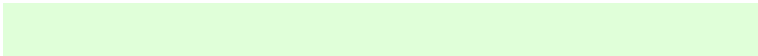
4294936495

Sweetspot

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



4286237800



4292935641



4291607144



4285366377



4278190080



4286611584

Same Dimension

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



4286237800



4286906217



4285058184



4284376668



4280198656



4278658560

Inverse Universe

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



4290406604



4293159423



4291586220



4284767334



4287103142



4280221734

Previews

White Background



This preview shows how the Android color 4286237800 looks on a white background.

Color Contrast Check

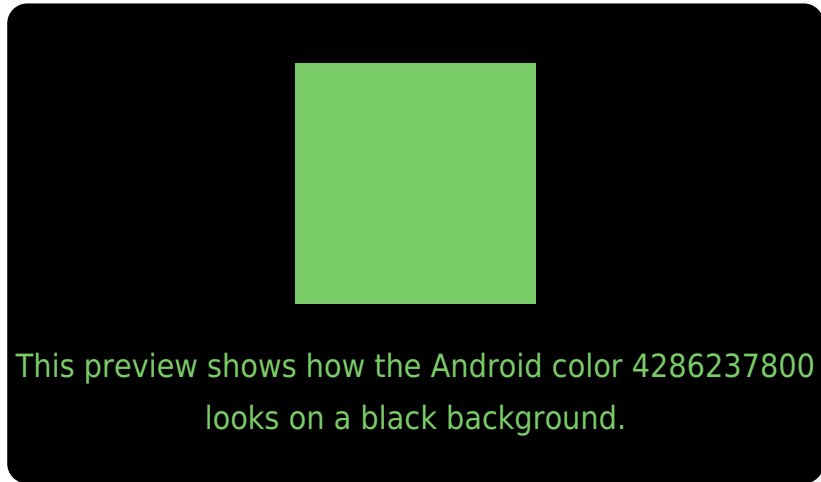
Large Text (above 18pt) WCAG AA × Fail

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 4286237800 Background



This preview shows how black text looks on a background with the Android color 4286237800.



This preview shows how white text looks on a background with the Android color 4286237800.

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

4286237800



Protanomaly

4289642340



Deuteranomaly

4290427500



Tritanomaly

4287022250

Monochromacy



Original Color

4286237800



Achromatopsia

4289243304



Achromatomaly

4288132497

CSS Examples

Text

The CSS property to change the color of the text to Android 4286237800 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(122, 204, 104)` looks like.

```
.text, #text, p{  
    color:rgb(122, 204, 104)  
}
```

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(122, 204, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 204, 104) }
```

Border

The CSS property to change the border of an element to Android 4286237800 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(122, 204, 104) }
```

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

```
.border{ border-color:rgb(122, 204, 104) }
```

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

Here you see how a box with a 4 pixel rgb(122, 204, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 204, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 204, 104);  
box-shadow:4px 4px 4px 4px rgb(122, 204,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4286237800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 204, 104) }
```

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

```
.background{ background-color: rgb(122,  
204, 104) }
```

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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