

Converting Colors

Android(4286037872)

Have a look what the booklet for
Android(4286037872) contains.

Android(4286037872)	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(4286037872)

Conversions

Conversions Part 1

Format	Color
Hex	77BF70
RGB	119, 191, 112
RGB Percent	47%, 75%, 44%
CMY	0.5333, 0.2510, 0.5608
CMYK	0.38, 0.00, 0.41, 0.25
HSL	115°, 38%, 59%
HSV	115°, 41%, 75%
XYZ	29.1632, 42.3534, 21.9672
YIQ	160.4660, -17.5530, -39.8330

Conversions

Conversions Part 2

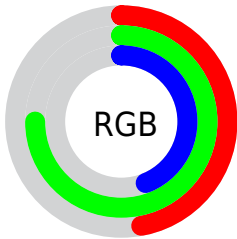
Format	Color
RYB	112, 191, 184
Decimal	7847792
CIELab	71.11, -38.25, 32.90
CIELCh	71, 50.452, 139.307
Yxy	42.3534, 0.3120, 0.4531
Android (android.graphics.Color)	4286037872 (0xFF77BF70)
YUV	160.4660, -23.8937, -36.3657
Hunter-Lab	65.0795, -33.9003, 25.5427

Details

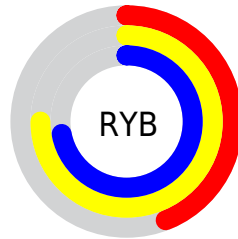
The Android color `4286037872` is a dark color, and the websafe version is hex `99CC66`. A complement of this color would be `4290277567`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4289656997`, and `4282485054` is the 20% darker color. If you saturate the color by 10%, you get `4284923741`, and if you desaturate by 10%, it is `4287152003`.

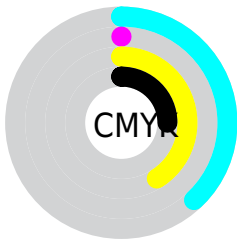
Distribution



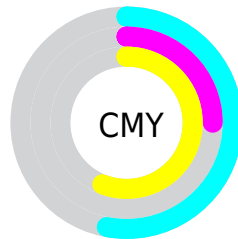
- Red (47%)
- Green (75%)
- Blue (44%)



- Red (44%)
- Yellow (75%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286037872 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 4286037872 by changing the saturation by 10% instead.



4286037872



4286037872

4294967295



4284261463



4289656997



4282485054



4291493824



4280643367



4293394396



4278212110



4294967289



4278205952



4278200320



4278192128



4278190080



4286037872



4286037872

 4284923741

 4287152003

 4283744074

 4288331670


 4282629943

 4289445801

 4281450276

 4290625468

 4280336144

 4291739600

 4279353088

 4292853731

 4294033398

 4294950911

Harmonies

Analogous

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



4289508692



4286037872



4280141212

Triad

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



4286037872



4280596735



4294936978

Complementary

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



4286037872



4290277567

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.



4294674881



4286037872



4288129279

Square

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



4286037872



4278239731



4292319210



4294415722

Rectangle

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



4286037872



4278240955



4292319210



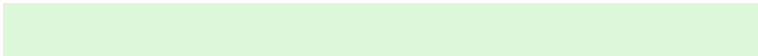
4294936481

Sweetspot

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



4286037872



4292671450



4290754416



4285365611



4294769916



4286414205

Same Dimension

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



4286037872



4287100796



4285579152



4283850325



4279148032



4278394624

Inverse Universe

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



4290277567



4293688567



4290736287



4284372318



4287627422



4280025119

Previews

White Background



This preview shows how the Android color 4286037872 looks on a white background.

Color Contrast Check

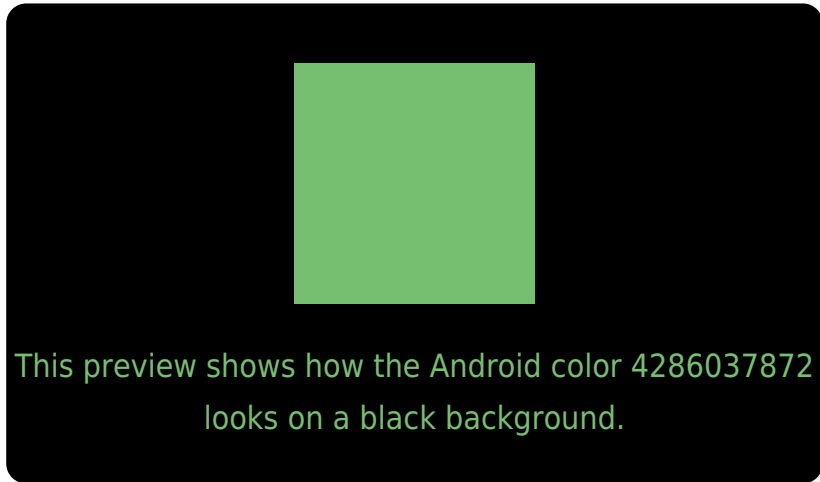
Large Text (above 18pt) WCAG AA × Fail

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 4286037872 Background



This preview shows how black text looks on a background with the Android color 4286037872.



This preview shows how white text looks on a background with the Android color 4286037872.

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

4286037872



Protanomaly

4288984172



Deuteranomaly

4289703796



Tritanomaly

4286691749

Monochromacy



Original Color

4286037872



Achromatopsia

4288716960



Achromatomaly

4287736719

CSS Examples

Text

The CSS property to change the color of the text to Android 4286037872 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, 191, 112)` looks like.

```
.text, #text, p{  
    color:rgb(119, 191, 112)  
}
```

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, 191, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 191, 112) }
```

Border

The CSS property to change the border of an element to Android 4286037872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

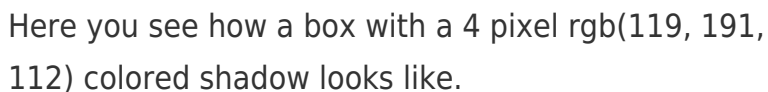
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 191, 112) }
```

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

```
.border{ border-color:rgb(119, 191, 112) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 191, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 191, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 191, 112); box-shadow:4px 4px 4px 4px rgb(119, 191, 112) }
```

Background

The CSS property to change the background color of an element to Android 4286037872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 191, 112) }
```

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

```
.background{ background-color: rgb(119,  
191, 112) }
```

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