

Converting Colors

Android(4286233922)

Have a look what the booklet for
Android(4286233922) contains.

Android(4286233922)	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(4286233922)

Conversions

Conversions Part 1

Format	Color
Hex	7ABD42
RGB	122, 189, 66
RGB Percent	48%, 74%, 26%
CMY	0.5216, 0.2588, 0.7412
CMYK	0.35, 0.00, 0.65, 0.26
HSL	93°, 48%, 50%
HSV	93°, 65%, 74%
XYZ	27.2070, 40.9261, 11.6198
YIQ	154.9450, -0.4490, -52.4570

Conversions

Conversions Part 2

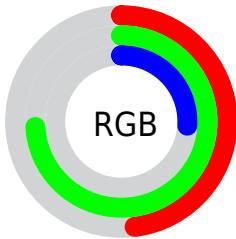
Format	Color
RYB	66, 189, 133
Decimal	8043842
CIELab	70.12, -41.70, 53.62
CIElCh	70, 67.931, 127.872
Yxy	40.9261, 0.3411, 0.5132
Android (android.graphics.Color)	4286233922 (0xFF7ABD42)
YUV	154.9450, -43.8499, -28.8928
Hunter-Lab	63.9735, -36.0402, 34.0123

Details

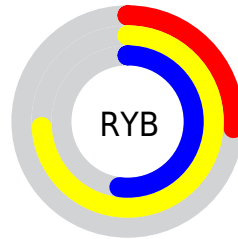
The Android color `4286233922` is a dark color, and the websafe version is hex `99CC66`. A complement of this color would be `4286923453`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4289918583`, and `4282550016` is the 20% darker color. If you saturate the color by 10%, you get `4285578543`, and if you desaturate by 10%, it is `4286889301`.

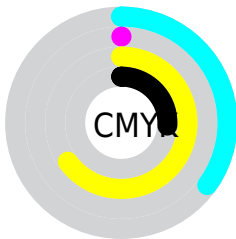
Distribution



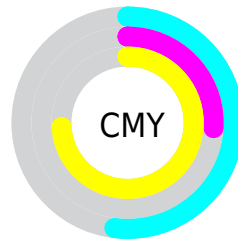
- Red (48%)
- Green (74%)
- Blue (26%)



- Red (26%)
- Yellow (74%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (65%)
- Black (26%)



- Cyan (52%)
- Magenta (26%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286233922 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 4286233922 by changing the saturation by 10% instead.



4286233922



4286233922

4294967295



4284391974



4289918583



4282550016



4291821458



4280642816



4293722030



4278211584



4294967242



4278205440



4294967271



4278200320



4278190336



4278190080



4286233922



4286233922

■ 4285578543

■ 4286889301

■ 4284857628

■ 4287610216

■ 4284202249

■ 4288265595

■ 4283874560

■ 4288920974

■ 4289576353

■ 4290297267

■ 4290952646

■ 4291608025

■ 4292328940

Harmonies

Analogous

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



4290555423



4286233922



4278240890

Triad

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



4286233922



4278238975



4294930590

Complementary

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



4286233922



4286923453

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.



4294933211



4286233922



4282232319

Square

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



4286233922



4278241270



4291007743



4294934115

Rectangle

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



4286233922



4278241445



4291007743



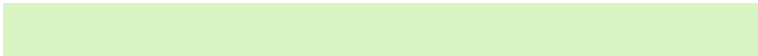
4294930610

Sweetspot

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



4286233922



4292539844



4290610242



4285168221



4294638330



4286216826

Same Dimension

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



4286233922



4287493430



4282563910



4284046933



4282949120



4279115520

Inverse Universe

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



4286923453



4288558837



4290593465



4284110174



4283826334



4279304223

Previews

White Background



This preview shows how the Android color 4286233922 looks on a white background.

Color Contrast Check

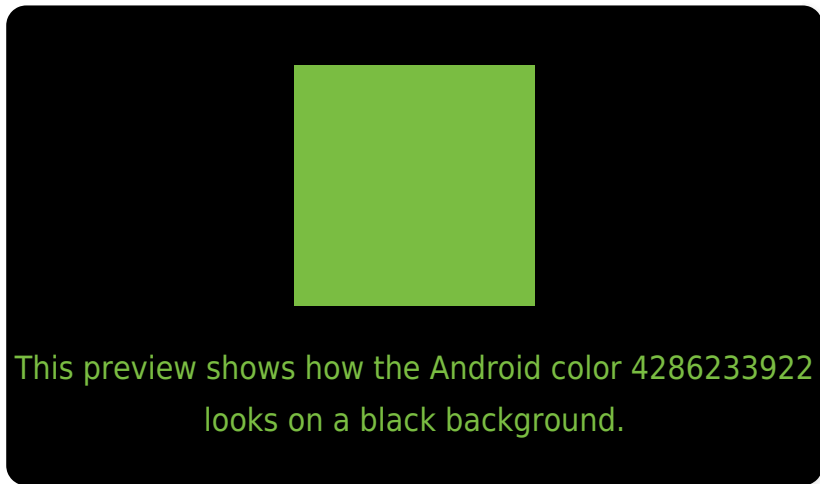
Large Text (above 18pt) WCAG AA × Fail

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 4286233922 Background



This preview shows how black text looks on a background with the Android color 4286233922.



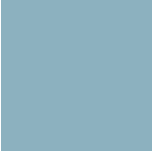
This preview shows how white text looks on a background with the Android color 4286233922.

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
4287410623

Trichromacy



Original Color
4286233922



Protanomaly
4289114687



Deuteranomaly
4289965128



Tritanomaly
4286952850

Monochromacy



Original Color
4286233922



Achromatopsia
4288387995



Achromatomaly
4287604603

CSS Examples

Text

The CSS property to change the color of the text to Android 4286233922 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, 189, 66)` looks like.

```
.text, #text, p{  
    color:rgb(122, 189, 66)  
}
```

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, 189, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 189, 66) }
```

Border

The CSS property to change the border of an element to Android 4286233922 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, 189, 66) }
```

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

```
.border{ border-color:rgb(122, 189, 66) }
```

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

Here you see how a box with a 4 pixel rgb(122, 189, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 189, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 189, 66);  
box-shadow:4px 4px 4px 4px rgb(122, 189,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4286233922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 189, 66) }
```

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

```
.background{ background-color: rgb(122,  
189, 66) }
```

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