

Converting Colors

Android(4286817842)

Have a look what the booklet for
Android(4286817842) contains.

Android(4286817842)	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(4286817842)

Conversions

Conversions Part 1

Format	Color
Hex	83A632
RGB	131, 166, 50
RGB Percent	51%, 65%, 20%
CMY	0.4863, 0.3490, 0.8039
CMYK	0.21, 0.00, 0.70, 0.35
HSL	78°, 54%, 42%
HSV	78°, 70%, 65%
XYZ	23.5720, 32.3280, 8.0152
YIQ	142.3110, 16.3760, -43.4960

Conversions

Conversions Part 2

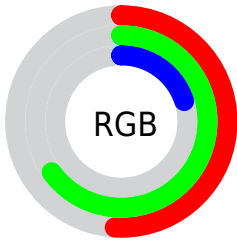
Format	Color
RYB	50, 166, 85
Decimal	8627762
CIELab	63.61, -29.02, 53.44
CIELCh	64, 60.815, 118.502
Yxy	32.3280, 0.3688, 0.5058
Android (android.graphics.Color)	4286817842 (0xFF83A632)
YUV	142.3110, -45.5093, -9.9197
Hunter-Lab	56.8577, -25.4987, 31.4424

Details

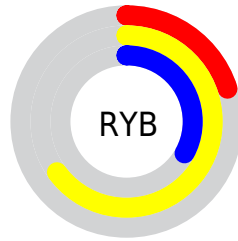
The Android color `4286817842` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4283773606`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4290501991`, and `4283265536` is the 20% darker color. If you saturate the color by 10%, you get `4286490145`, and if you desaturate by 10%, it is `4287145539`.

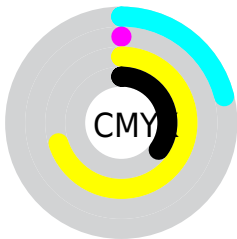
Distribution



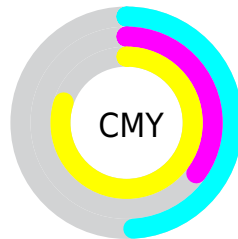
- Red (51%)
- Green (65%)
- Blue (20%)



- Red (20%)
- Yellow (65%)
- Blue (33%)



- Cyan (21%)
- Magenta (0%)
- Yellow (70%)
- Black (35%)



- Cyan (49%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286817842 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 4286817842 by changing the saturation by 10% instead.



4286817842



4286817842

4294967295



4285041684



4290501991



4283265536



4292344450



4281620736



4294311837



4279779840



4294967225



4278201088



4294967253



4278195456



4294967282



4278190080



4286817842



4286817842



4286490145



4287145539

■ 4286162449

■ 4287473235

■ 4285834752

■ 4287800932

■ 4288128628

■ 4288456325

■ 4288784022

■ 4289111718

■ 4289439415

■ 4289767111

Harmonies

Analogous

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



4290352674



4286817842



4281577311

Triad

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



4286817842



4278234870



4294535071

Complementary

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



4286817842



4283773606

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.



4292441812



4286817842



4278231551

Square

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



4286817842



4278236108



4287991290



4294602090

Rectangle

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



4286817842



4278236035



4287991290



4294077105

Sweetspot

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



4286817842



4291549611



4289090866



4284837458



4293783021



4285427310

Same Dimension

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



4286817842



4288862499



4283016754



4283585612



4284978176



4279112704

Inverse Universe

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



4283773606



4284097497



4287574694



4283321428



4281139348



4278583316

Previews

White Background



This preview shows how the Android color 4286817842 looks on a white background.

Color Contrast Check

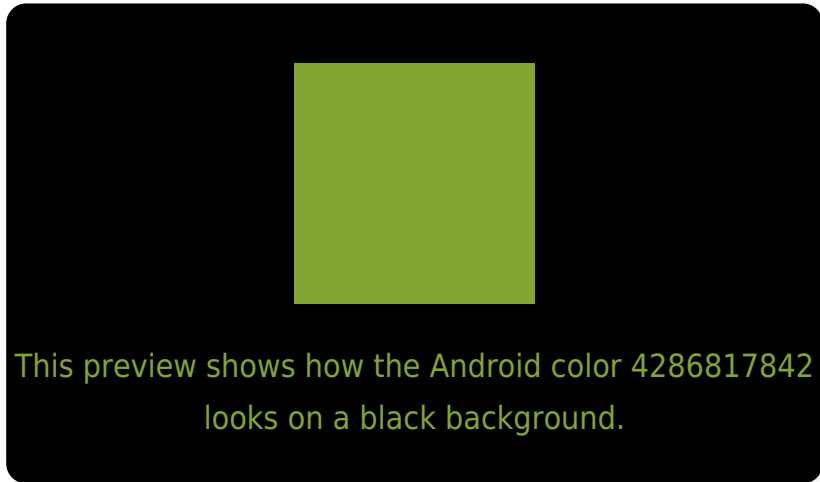
Large Text (above 18pt) WCAG AA × Fail

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 4286817842 Background



This preview shows how black text looks on a background with the Android color 4286817842.



This preview shows how white text looks on a background with the Android color 4286817842.

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
4286817842

Protanopia
4289501743

Deuteranopia
4290810425



Tritanopia
4287667111

Trichromacy



Original Color
4286817842

Protanomaly
4288519728

Deuteranomaly
4289370422

Tritanomaly
4287340412

Monochromacy



Original Color
4286817842

Achromatopsia
4287532686

Achromatomaly
4287272813

CSS Examples

Text

The CSS property to change the color of the text to Android 4286817842 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(131, 166, 50)` looks like.

```
.text, #text, p{  
    color:rgb(131, 166, 50)  
}
```

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(131, 166, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 166, 50) }
```

Border

The CSS property to change the border of an element to Android 4286817842 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(131, 166, 50) }
```

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

```
.border{ border-color:rgb(131, 166, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 166, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 166, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 166, 50);  
box-shadow:4px 4px 4px 4px rgb(131, 166,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4286817842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 166, 50) }
```

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

```
.background{ background-color: rgb(131,  
166, 50) }
```

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