

Converting Colors

Android(4286358086)

Have a look what the booklet for
Android(4286358086) contains.

Android(4286358086)	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(4286358086)

Conversions

Conversions Part 1

Format	Color
Hex	7CA246
RGB	124, 162, 70
RGB Percent	49%, 64%, 27%
CMY	0.5137, 0.3647, 0.7255
CMYK	0.23, 0.00, 0.57, 0.36
HSL	85°, 40%, 45%
HSV	85°, 57%, 64%
XYZ	22.3380, 30.5679, 10.5172
YIQ	140.1500, 6.8840, -36.6680

Conversions

Conversions Part 2

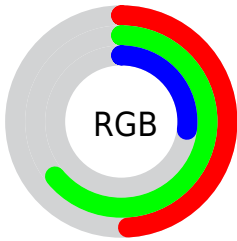
Format	Color
RYB	70, 162, 108
Decimal	8168006
CIELab	62.14, -28.26, 42.96
CIELCh	62, 51.421, 123.333
Yxy	30.5679, 0.3522, 0.4820
Android (android.graphics.Color)	4286358086 (0xFF7CA246)
YUV	140.1500, -34.5839, -14.1635
Hunter-Lab	55.2883, -24.6355, 27.4234

Details

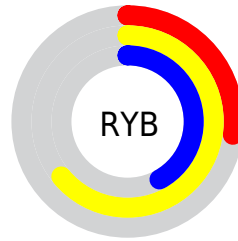
The Android color `4286358086` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4285286050`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4289976697`, and `4282936850` is the 20% darker color. If you saturate the color by 10%, you get `4285899318`, and if you desaturate by 10%, it is `4286816854`.

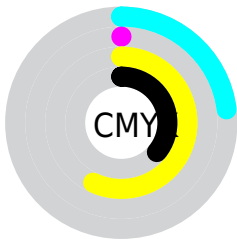
Distribution



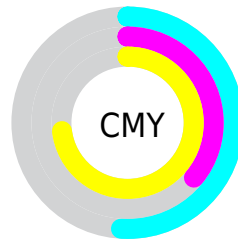
- Red (49%)
- Green (64%)
- Blue (27%)



- Red (27%)
- Yellow (64%)
- Blue (42%)



- Cyan (23%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286358086 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 4286358086 by changing the saturation by 10% instead.



4286358086



4286358086

4294967295



4284647469



4289976697



4282936850



4291819156



4281226752



4293722031



4279582208



4294967243



4278200320



4294967271



4278193664



4278190080



4286358086



4286358086



4285899318



4286816854

 4285506086

 4287210086

 4285047317

 4287668855

 4284588549

 4288127623

 4284457472

 4288520855

 4288979623

 4289438391

 4289897160

 4290290392

Harmonies

Analogous

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



4289434934



4286358086



4282034795

Triad

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



4286358086



4278232807



4293488275

Complementary

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



4286358086



4285286050

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.



4291983040



4286358086



4282751473

Square

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



4286358086



4278234311



4288645347



4293358951

Rectangle

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



4286358086



4278234250



4288645347



4293160866

Sweetspot

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



4286358086



4291155120



4288834374



4284640086



4293651435



4285229931

Same Dimension

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



4286358086



4288205892



4283408966



4283322953



4283797760



4278850048

Inverse Universe

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



4285286050



4286530772



4288235170



4283255122



4282122385



4278648850

Previews

White Background



This preview shows how the Android color 4286358086 looks on a white background.

Color Contrast Check

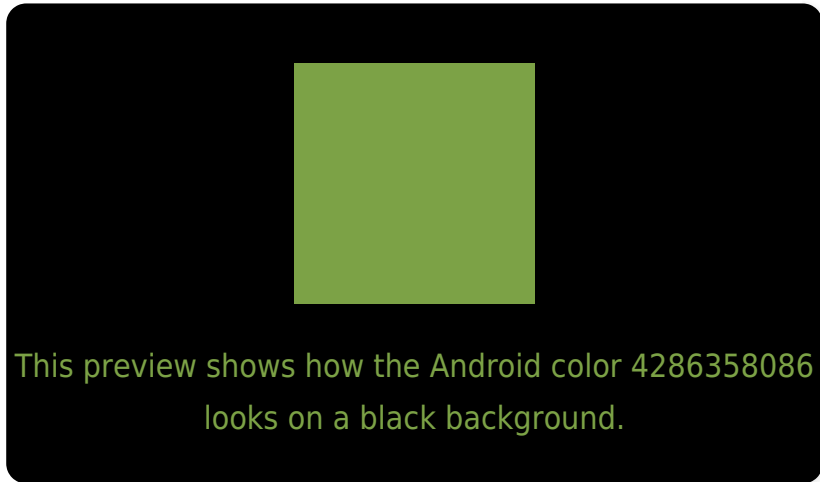
Large Text (above 18pt) WCAG AA × Fail

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 4286358086 Background



This preview shows how black text looks on a background with the Android color 4286358086.



This preview shows how white text looks on a background with the Android color 4286358086.

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
4286358086

Protanomaly
4288125507

Deuteranomaly
4288845385

Tritanomaly
4286880898

Monochromacy



Original Color
4286358086

Achromatopsia
4287401100

Achromatomaly
4287009907

CSS Examples

Text

The CSS property to change the color of the text to Android 4286358086 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(124, 162, 70)` looks like.

```
.text, #text, p{  
    color:rgb(124, 162, 70)  
}
```

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(124, 162, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 162, 70) }
```

Border

The CSS property to change the border of an element to Android 4286358086 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(124, 162, 70) }
```

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

```
.border{ border-color:rgb(124, 162, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 162, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 162, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 162, 70);  
box-shadow:4px 4px 4px 4px rgb(124, 162,  
70) }
```

Background

The CSS property to change the background color of an element to Android 4286358086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 162, 70) }
```

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

```
.background{ background-color: rgb(124,  
162, 70) }
```

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