

# Converting Colors

Android(4286228592)

Have a look what the booklet for  
Android(4286228592) contains.

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# **Color**

**Android(4286228592)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA870
RGB	122, 168, 112
RGB Percent	48%, 66%, 44%
CMY	0.5216, 0.3412, 0.5608
CMYK	0.27, 0.00, 0.33, 0.34
HSL	109°, 24%, 55%
HSV	109°, 33%, 66%
XYZ	24.9533, 33.3127, 20.4440
YIQ	147.8620, -9.4400, -27.1680

# Conversions

## Conversions Part 2

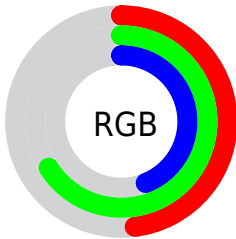
Format	Color
<a href="#">RYB</a>	<a href="#">112, 168, 158</a>
Decimal	<a href="#">8038512</a>
CIELab	<a href="#">64.41, -26.45, 24.12</a>
CIELCh	<a href="#">64, 35.795, 137.639</a>
Yxy	<a href="#">33.3127, 0.3170, 0.4232</a>
Android (android.graphics.Color)	<a href="#">4286228592 (0xFF7AA870)</a>
YUV	<a href="#">147.8620, -17.6800, -22.6810</a>
Hunter-Lab	<a href="#">57.7171, -23.8327, 19.4008</a>

# Details

The Android color `4286228592` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288573608`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4289781668`, and `4282872895` is the 20% darker color. If you saturate the color by 10%, you get `4285311071`, and if you desaturate by 10%, it is `4287146113`.

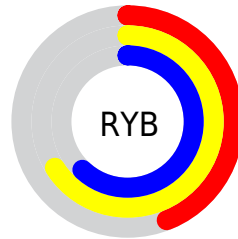
# Distribution



Red (48%)

Green (66%)

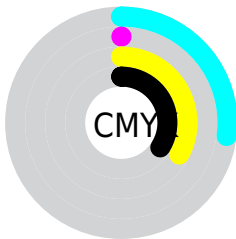
Blue (44%)



Red (44%)

Yellow (66%)

Blue (62%)

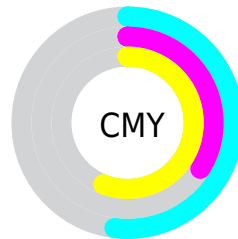


Cyan (27%)

Magenta (0%)

Yellow (33%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286228592 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 4286228592 by changing the saturation by 10% instead.





4286228592



4286228592

4294967295



4284517719



4289781668



4282872895



4291558591



4281293609



4293459931



4279649043



4294967288



4278266880



4278196224



4278190080



4286228592



4286228592



4285311071



4287146113

 4284393550

 4288063634

 4283541566

 4288915618


 4282624045

 4289833139

 4281706524

 4290750660

 4280789003

 4291668181

 4280199168

 4292585702

 4293437686

 4294355199

# Harmonies

## Analogous

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



4288585822



4286228592



4283477133

# Triad

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



4286228592



4283868122



4292576394

# Complementary

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



4286228592



4288573608

# 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.



4291986859



4286228592



4287404505

# Square

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



4286228592



4279806666



4290219463



4291988334

# Rectangle

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



4286228592



4281380260



4290219463



4292510613



# Sweetspot

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



4286228592



4291419077



4289240688



4284706400



4293783021



4285427310



# Same Dimension

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



4286228592



4287880068



4285573250



4283257932



4279931904



4278457344



# Inverse Universe

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



4288573608



4291593435



4289228950



4283649108



4286120084



4279304212



# Previews

## White Background



This preview shows how the Android color 4286228592 looks on a white background.

## Color Contrast Check

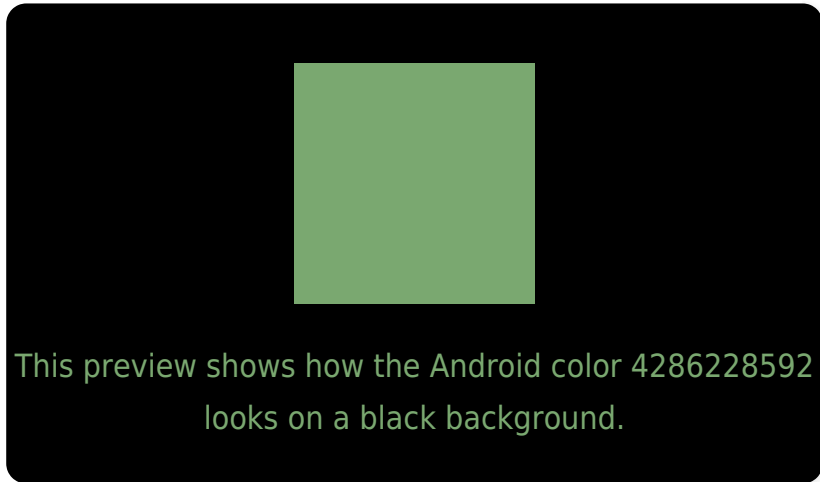
Large Text (above 18pt) WCAG AA × Fail

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 4286228592 Background



This preview shows how black text looks on a background with the Android color 4286228592.



This preview shows how white text looks on a background with the Android color 4286228592.

# 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**  
4286228592

**Protanopia**  
4289240171

**Deuteranopia**  
4290286964



# Trichromacy



**Original Color**  
4286228592

**Protanomaly**  
4288127085

**Deuteranomaly**  
4288781427

**Tritanomaly**  
4286620567

# Monochromacy



**Original Color**  
4286228592

**Achromatopsia**  
4287927444

**Achromatomaly**  
4287339399

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286228592 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, 168, 112)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 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(122, 168, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 112) }
```

## Border

The CSS property to change the border of an element to Android 4286228592 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, 168, 112) }
```

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

```
.border{ border-color:rgb(122, 168, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 168, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 168, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 168, 112); box-shadow:4px 4px 4px 4px rgb(122, 168, 112) }
```

# Background

The CSS property to change the background color of an element to Android 4286228592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 112) }
```

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

```
.background{ background-color: rgb(122,  
168, 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](#).



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