

# Converting Colors

Android(4286230118)

Have a look what the booklet for  
Android(4286230118) contains.

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# **Color**

**Android(4286230118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAE66
RGB	122, 174, 102
RGB Percent	48%, 68%, 40%
CMY	0.5216, 0.3176, 0.6000
CMYK	0.30, 0.00, 0.41, 0.32
HSL	103°, 31%, 54%
HSV	103°, 41%, 68%
XYZ	25.5604, 35.3690, 18.0501
YIQ	150.2440, -7.8800, -33.4160

# Conversions

## Conversions Part 2

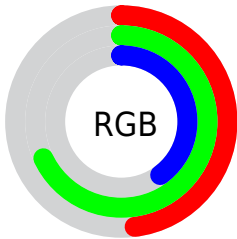
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 174, 154
Decimal	8040038
CIELab	66.03, -30.86, 31.57
CIElCh	66, 44.152, 134.350
Yxy	35.3690, 0.3236, 0.4478
Android (android.graphics.Color)	4286230118 (0xFF7AAE66)
YUV	150.2440, -23.7843, -24.7700
Hunter-Lab	59.4718, -27.3583, 23.6354

# Details

The Android color `4286230118` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288308910`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4289783450`, and `4282808629` is the 20% darker color. If you saturate the color by 10%, you get `4285378133`, and if you desaturate by 10%, it is `4287082103`.

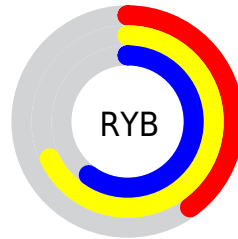
# Distribution



Red (48%)

Green (68%)

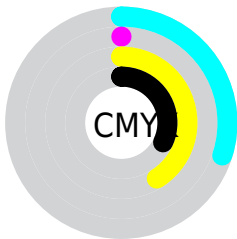
Blue (40%)



Red (40%)

Yellow (68%)

Blue (60%)

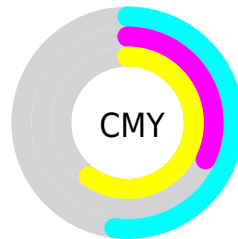


Cyan (30%)

Magenta (0%)

Yellow (41%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286230118 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 4286230118 by changing the saturation by 10% instead.





4286230118



4286230118

4294967295



4284519245



4289783450



4282808629



4291624885



4281163806



4293525457



4279388165



4294967277



4278202624



4278197504



4278190080



4286230118



4286230118



4285378133



4287082103

 4284591683

 4287868553

 4283739698

 4288720538

 4282953248

 4289506988

 4282101263

 4290358973

 4281380352

 4291145422

 4291997408

 4292849393

 4293635839

# Harmonies

## Analogous

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



428911121



4286230118



4282430602

# Triad

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



4286230118



4280527852



4293689487

# Complementary

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



4286230118



4288308910

# 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.



4292903863



4286230118



4286815981

# Square

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



4286230118



4278235863



4290547673



4293167467

# Rectangle

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



4286230118



4278236581



4290547673



4293558428



# Sweetspot

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



4286230118



4291814344



4289632870



4284969827



4294111986



4285756275



# Same Dimension

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



4286230118



4287751025



4284919414



4283455310



4280980992



4278589184



# Inverse Universe

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



4288308910



4290998755



4289619614



4283715159



4285333654



4279304215



# Previews

## White Background



This preview shows how the Android color 4286230118 looks on a white background.

## Color Contrast Check

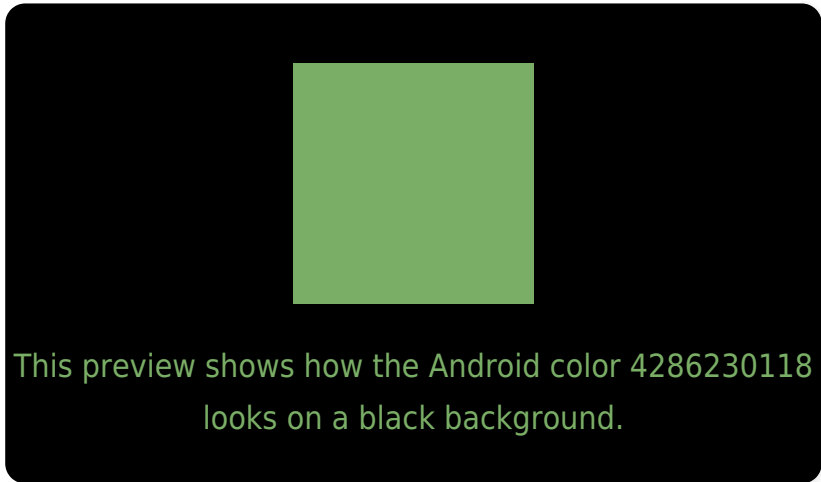
Large Text (above 18pt) WCAG AA × Fail

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 4286230118 Background



This preview shows how black text looks on a background with the Android color 4286230118.



This preview shows how white text looks on a background with the Android color 4286230118.

# 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**  
4286230118

**Protanomaly**  
4288456035

**Deuteranomaly**  
4289175913

**Tritanomaly**  
4286752918

# Monochromacy



**Original Color**  
4286230118

**Achromatopsia**  
4288059030

**Achromatomaly**  
4287405957

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286230118 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, 174, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 174, 102)  
}
```

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, 174, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 174, 102) }
```

## Border

The CSS property to change the border of an element to Android 4286230118 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, 174, 102) }
```

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

```
.border{ border-color:rgb(122, 174, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 174, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 174, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 174, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 174,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4286230118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 174, 102) }
```

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

```
.background{ background-color: rgb(122,  
174, 102) }
```

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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