

# Converting Colors

Android(4286881838)

Have a look what the booklet for  
Android(4286881838) contains.

<b>Android(4286881838)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4286881838)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A02E
RGB	132, 160, 46
RGB Percent	52%, 63%, 18%
CMY	0.4824, 0.3725, 0.8196
CMYK	0.17, 0.00, 0.71, 0.37
HSL	75°, 55%, 40%
HSV	75°, 71%, 63%
XYZ	22.5797, 30.2444, 7.2324
YIQ	138.6320, 19.9060, -41.3900

# Conversions

## Conversions Part 2

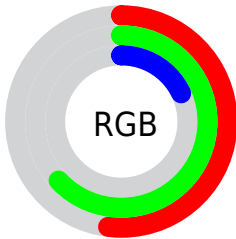
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 160, 74</a>
Decimal	<a href="#">8691758</a>
CIELab	<a href="#">61.86, -25.95, 53.25</a>
CIELCh	<a href="#">62, 59.240, 115.985</a>
Yxy	<a href="#">30.2444, 0.3760, 0.5036</a>
Android (android.graphics.Color)	<a href="#">4286881838 (0xFF84A02E)</a>
YUV	<a href="#">138.6320, -45.6676, -5.8163</a>
Hunter-Lab	<a href="#">54.9949, -22.9530, 30.6991</a>

# Details

The Android color **4286881838** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4283051680**, and the grayscale version is **4287335307**.

A 20% lighter version of the original color is **4290565987**, and **4283395072** is the 20% darker color. If you saturate the color by 10%, you get **4286619678**, and if you desaturate by 10%, it is **4287143998**.

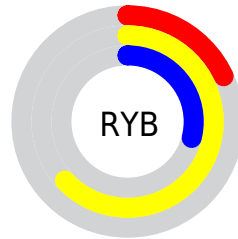
# Distribution



Red (52%)

Green (63%)

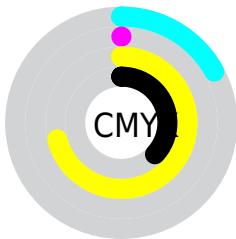
Blue (18%)



Red (18%)

Yellow (63%)

Blue (29%)

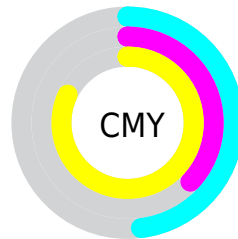


Cyan (17%)

Magenta (0%)

Yellow (71%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286881838 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 4286881838 by changing the saturation by 10% instead.





4286881838



4286881838

4294967295



4285105678



4290565987



4283395072



4292408190



4281684992



4294377369



4279909632



4294967221



4278200064



4294967249



4278193408



4294967278



4278190080



4286881838



4286881838



4286619678



4287143998

■ 4286357518

■ 4287406158

■ 4286160896

■ 4287668318

■ 4287930478

■ 4288192638

■ 4288454798

■ 4288716958

■ 4288913582

■ 4289175742

# Harmonies

## Analogous

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



4290220066



4286881838



4282165848

# Triad

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



4286881838



4278233580



4293944735

# Complementary

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



4286881838



4283051680

# 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.



4291720401



4286881838



4278230782

# Square

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



4286881838



4278234818



4287269876



4294142315

# Rectangle

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



4286881838



4278234490



4287269876



4293421232



# Sweetspot

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



4286881838



4291219877



4288694574



4284639566



4293454056



4285098345



# Same Dimension

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



4286881838



4289057053



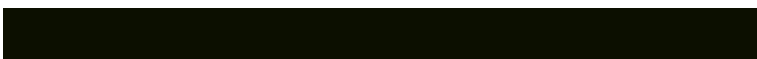
4283211822



4283256647



4285304576



4278980352



# Inverse Universe

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



4283051680



4282981841



4286721696



4282992463



4280483983



4278452239



# Previews

## White Background



This preview shows how the Android color 4286881838 looks on a white background.

## Color Contrast Check

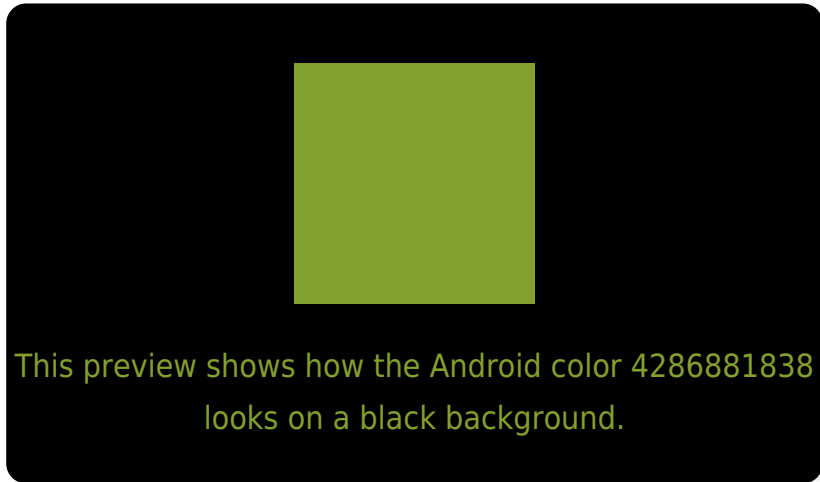
Large Text (above 18pt) WCAG AA × Fail

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 4286881838 Background



This preview shows how black text looks on a background with the Android color 4286881838.



This preview shows how white text looks on a background with the Android color 4286881838.

# 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](#).

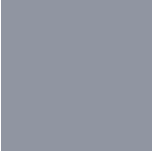
## Dichromacy



**Original Color**  
4286881838

**Protanopia**  
4289172779

**Deuteranopia**  
4290416181



**Tritanopia**  
4287665569

# Trichromacy



**Original Color**  
4286881838

**Protanomaly**  
4288321836

**Deuteranomaly**  
4289107250

**Tritanomaly**  
4287404407

# Monochromacy



**Original Color**  
4286881838

**Achromatopsia**  
4287335307

**Achromatomaly**  
4287140713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286881838 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(132, 160, 46)` looks like.

```
.text, #text, p{  
    color:rgb(132, 160, 46)  
}
```

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(132, 160, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 160, 46) }
```

## Border

The CSS property to change the border of an element to Android 4286881838 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(132, 160, 46) }
```

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

```
.border{ border-color:rgb(132, 160, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 160, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 160, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 160, 46);  
box-shadow:4px 4px 4px 4px rgb(132, 160,  
46) }
```

# Background

The CSS property to change the background color of an element to Android 4286881838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 160, 46) }
```

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

```
.background{ background-color: rgb(132,  
160, 46) }
```

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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