

Converting Colors

Android(4287078674)

Have a look what the booklet for
Android(4287078674) contains.

Android(4287078674)	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(4287078674)

Conversions

Conversions Part 1

Format	Color
Hex	87A112
RGB	135, 161, 18
RGB Percent	53%, 63%, 7%
CMY	0.4706, 0.3686, 0.9294
CMYK	0.16, 0.00, 0.89, 0.37
HSL	71°, 80%, 35%
HSV	71°, 89%, 63%
XYZ	22.8457, 30.6843, 5.2908
YIQ	136.9240, 30.4070, -49.9850

Conversions

Conversions Part 2

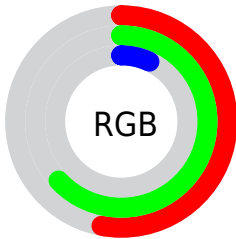
Format	Color
RYB	18, 161, 44
Decimal	8888594
CIELab	62.24, -26.36, 61.91
CIELCh	62, 67.293, 113.064
Yxy	30.6843, 0.3884, 0.5217
Android (android.graphics.Color)	4287078674 (0xFF87A112)
YUV	136.9240, -58.6295, -1.6873
Hunter-Lab	55.3934, -23.3203, 33.1124

Details

The Android color **4287078674** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4281078433**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4290828368**, and **4283460864** is the 20% darker color. If you saturate the color by 10%, you get **4286882050**, and if you desaturate by 10%, it is **4287275298**.

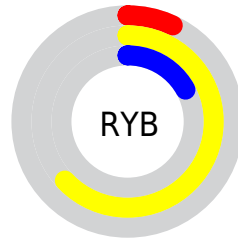
Distribution



Red (53%)

Green (63%)

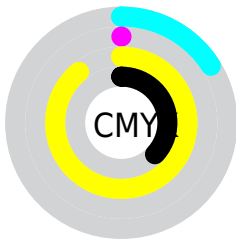
Blue (7%)



Red (7%)

Yellow (63%)

Blue (17%)

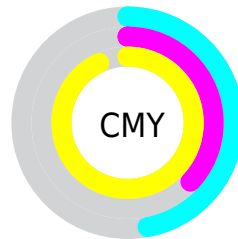


Cyan (16%)

Magenta (0%)

Yellow (89%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287078674 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 4287078674 by changing the saturation by 10% instead.



4287078674



4287078674

4294967295



4285236992



4290828368



4283460864



4292736108



4281750784



4294639495



4279909888



4294967203



4278200320



4294967231



4278193920



4294967260



4278190080



4294967289



4287078674



4287078674

■ 4286882050

■ 4287275298

■ 4286882048

■ 4287471922

■ 4287668546

■ 4287865170

■ 4288061794

■ 4288258419

■ 4288389507

■ 4288586131

■ 4288782755

Harmonies

Analogous

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



4290744065



4287078674



4281510986

Triad

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



4287078674



4278234869



4294597799

Complementary

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



4287078674



4281078433

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.



4291916255



4287078674



4278231807

Square

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



4287078674



4278235844



4286221823



4294926187

Rectangle

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



4287078674



4278235249



4286221823



4293943739

Sweetspot

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



4287078674



4291285401



4288752146



4284639559



4293454056



4285098345

Same Dimension

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



4287078674



4289450240



4282556690



4283454025



4286025984



4279177728

Inverse Universe

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



4281078433



4280680657



4285600417



4283124050



4279894161



4278386706

Previews

White Background



This preview shows how the Android color 4287078674 looks on a white background.

Color Contrast Check

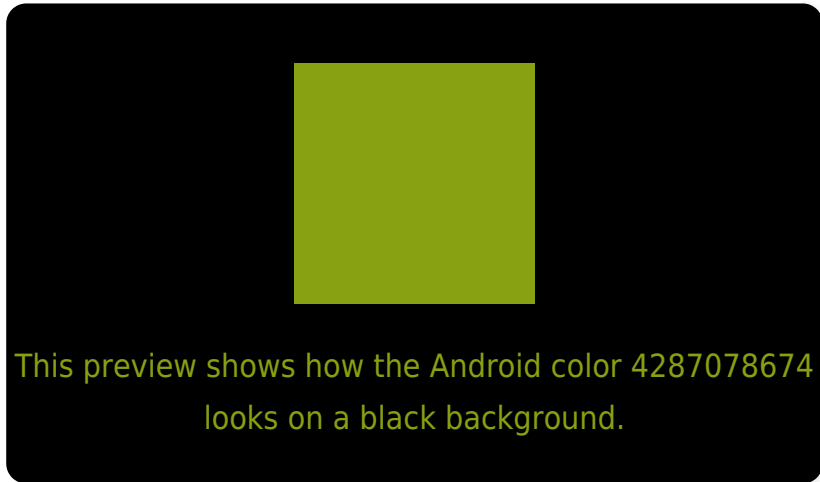
Large Text (above 18pt) WCAG AA × Fail

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 4287078674 Background



This preview shows how black text looks on a background with the Android color 4287078674.



This preview shows how white text looks on a background with the Android color 4287078674.

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





Tritanopia
4287927970

Trichromacy



Original Color
4287078674

Protanomaly
4288518927

Deuteranomaly
4289303836

Tritanomaly
4287601262

Monochromacy



Original Color
4287078674

Achromatopsia
4287203721

Achromatomaly
4287140446

CSS Examples

Text

The CSS property to change the color of the text to Android 4287078674 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(135, 161, 18)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 18)  
}
```

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(135, 161, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 18) }
```

Border

The CSS property to change the border of an element to Android 4287078674 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(135, 161, 18) }
```

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

```
.border{ border-color:rgb(135, 161, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 161, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 161, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 161, 18);  
box-shadow:4px 4px 4px 4px rgb(135, 161,  
18) }
```

Background

The CSS property to change the background color of an element to Android 4287078674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 161, 18) }
```

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

```
.background{ background-color: rgb(135,  
161, 18) }
```

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