

Converting Colors

Android(4287083013)

Have a look what the booklet for
Android(4287083013) contains.

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Color

Android(4287083013)

Conversions

Conversions Part 1

Format	Color
Hex	87B205
RGB	135, 178, 5
RGB Percent	53%, 70%, 2%
CMY	0.4706, 0.3020, 0.9804
CMYK	0.24, 0.00, 0.97, 0.30
HSL	75°, 95%, 36%
HSV	75°, 97%, 70%
XYZ	25.9395, 37.0026, 5.9187
YIQ	145.4210, 29.9050, -62.9190

Conversions

Conversions Part 2

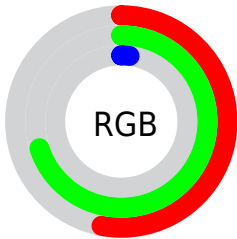
Format	Color
RYB	5, 178, 48
Decimal	8892933
CIELab	67.28, -34.64, 67.82
CIELCh	67, 76.156, 117.054
Yxy	37.0026, 0.3767, 0.5374
Android (android.graphics.Color)	4287083013 (0xFF87B205)
YUV	145.4210, -69.2276, -9.1392
Hunter-Lab	60.8298, -30.3349, 36.8120

Details

The Android color **4287083013** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4281337266**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4290832975**, and **4283399424** is the 20% darker color. If you saturate the color by 10%, you get **4287017472**, and if you desaturate by 10%, it is **4287345175**.

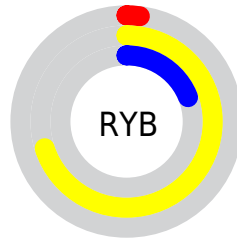
Distribution



Red (53%)

Green (70%)

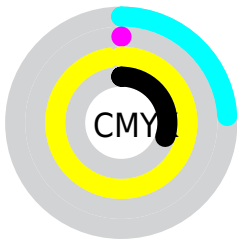
Blue (2%)



Red (2%)

Yellow (70%)

Blue (19%)

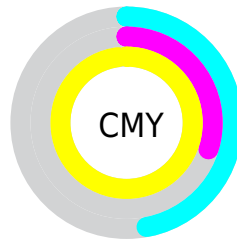


Cyan (24%)

Magenta (0%)

Yellow (97%)

Black (30%)



Cyan (47%)

Magenta (30%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287083013 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 4287083013 by changing the saturation by 10% instead.



4287083013



4287083013

4294967295



4285241088



4290832975



4283399424



4292804459



4281623552



4294770567



4279454720



4294967203



4278203392



4294967232



4278198528



4294967261



4278190080



4294967291



4287083013



4287083013

■ 4287017472

■ 4287345175

■ 4287672873

■ 4287935034

■ 4288262732

■ 4288524894

■ 4288852592

■ 4289114754

■ 4289376915

■ 4289704613

Harmonies

Analogous

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



4291468800



4287083013



4278238548

Triad

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



4287083013



4278238719



4294925230

Complementary

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



4287083013



4281337266

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.



4293882864



4287083013



4278234879

Square

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



4287083013



4278240225



4287862015



4294927466

Rectangle

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



4287083013



4278239619



4287862015



4294926789

Sweetspot

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



4287083013



4292339877



4289867013



4285232460



4294309365



4285887861

Same Dimension

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



4287083013



4289652736



4281577989



4283914576



4285765888



4279441920

Inverse Universe

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



4281337266



4281991400



4286842290



4283650137



4280680601



4278583322

Previews

White Background



This preview shows how the Android color 4287083013 looks on a white background.

Color Contrast Check

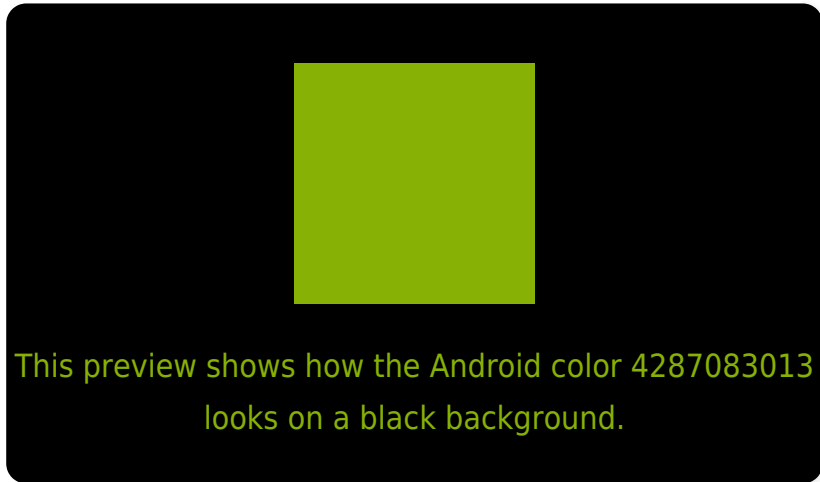
Large Text (above 18pt) WCAG AA × Fail

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 4287083013 Background



This preview shows how black text looks on a background with the Android color 4287083013.



This preview shows how white text looks on a background with the Android color 4287083013.

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
4288128435

Trichromacy



Original Color
4287083013

Protanomaly
4289112322

Deuteranomaly
4290028311

Tritanomaly
4287736436

Monochromacy



Original Color
4287083013

Achromatopsia
4287730065

Achromatomaly
4287470942

CSS Examples

Text

The CSS property to change the color of the text to Android 4287083013 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, 178, 5)` looks like.

```
.text, #text, p{  
    color:rgb(135, 178, 5)  
}
```

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, 178, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 178, 5) }
```

Border

The CSS property to change the border of an element to Android 4287083013 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, 178, 5) }
```

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

```
.border{ border-color:rgb(135, 178, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 178, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 178, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 178, 5);  
box-shadow:4px 4px 4px 4px rgb(135, 178,  
5) }
```

Background

The CSS property to change the background color of an element to Android 4287083013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 178, 5) }
```

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

```
.background{ background-color: rgb(135,  
178, 5) }
```

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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