

Converting Colors

Android(4287016797)

Have a look what the booklet for
Android(4287016797) contains.

Android(4287016797)	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(4287016797)

Conversions

Conversions Part 1

Format	Color
Hex	86AF5D
RGB	134, 175, 93
RGB Percent	53%, 69%, 36%
CMY	0.4745, 0.3137, 0.6353
CMYK	0.23, 0.00, 0.47, 0.31
HSL	90°, 34%, 53%
HSV	90°, 47%, 69%
XYZ	27.1373, 36.5186, 15.9744
YIQ	153.3930, 1.8860, -34.1940

Conversions

Conversions Part 2

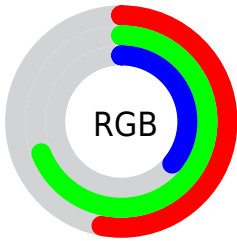
Format	Color
RYB	93, 175, 134
Decimal	8826717
CIELab	66.91, -28.15, 37.47
CIElCh	67, 46.867, 126.914
Yxy	36.5186, 0.3408, 0.4586
Android (android.graphics.Color)	4287016797 (0xFF86AF5D)
YUV	153.3930, -29.7737, -17.0077
Hunter-Lab	60.4306, -25.5955, 26.6285

Details

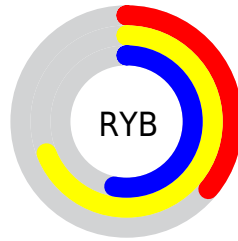
The Android color `4287016797` is a dark color, and the websafe version is hex `99CC66`. A complement of this color would be `4286995887`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4290635665`, and `4283595308` is the 20% darker color. If you saturate the color by 10%, you get `4286426955`, and if you desaturate by 10%, it is `4287606639`.

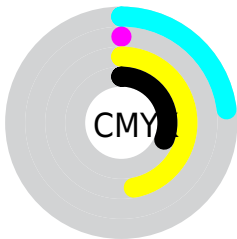
Distribution



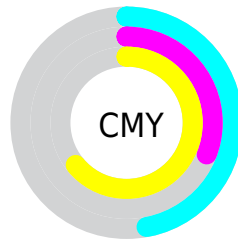
- Red (53%)
- Green (69%)
- Blue (36%)



- Red (36%)
- Yellow (69%)
- Blue (53%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287016797 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 4287016797 by changing the saturation by 10% instead.



4287016797



4287016797

4294967295



4285305924



4290635665



4283595308



4292476844



4281950483



4294377416



4280305920



4294967268



4278465024



4278198016



4278190080



4287016797



4287016797



4286426955



4287606639

 4285902650

 4288196480

 4285312809

 4288720786

 4284722967


 4289310627


 4284133125

 4289900468

 4284002048

 4290490310

 4291014615

 4291604457

 4292194299

Harmonies

Analogous

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



4289963084



4287016797



4283217536

Triad

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



4287016797



4278235376



4294082715

Complementary

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



4287016797



4286995887

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.



4292838853



4287016797



4285441270

Square

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



4287016797



4278237140



4289959142



4293822066

Rectangle

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



4287016797



4278237341



4289959142



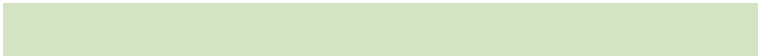
4293820585

Sweetspot

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



4287016797



4292076483



4289693277



4285100895



4294111986



4285756275

Same Dimension

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



4287016797



4288930660



4284329821



4283586382



4283143680



4278916864

Inverse Universe

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



4286995887



4288898275



4289682863



4283584087



4283105430



4278910999

Previews

White Background



This preview shows how the Android color 4287016797 looks on a white background.

Color Contrast Check

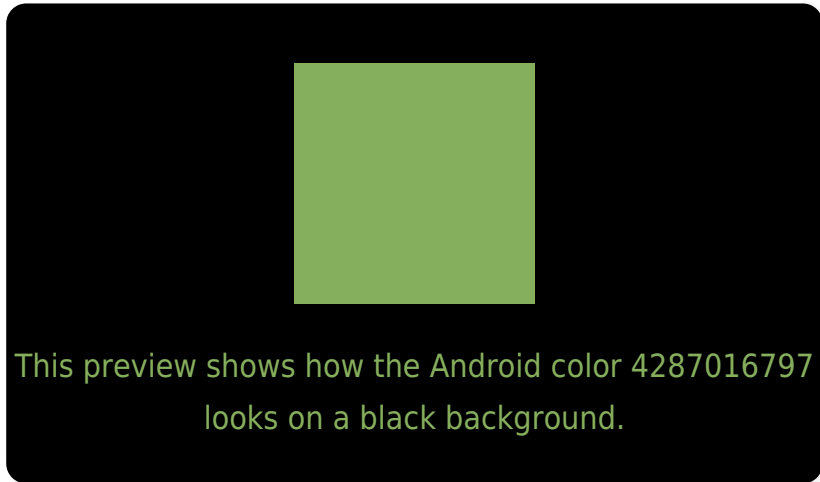
Large Text (above 18pt) WCAG AA × Fail

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 4287016797 Background



This preview shows how black text looks on a background with the Android color 4287016797.



This preview shows how white text looks on a background with the Android color 4287016797.

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
4287016797

Protanomaly
4288915290

Deuteranomaly
4289634912

Tritanomaly
4287539604

Monochromacy



Original Color
4287016797

Achromatopsia
4288256409

Achromatomaly
4287799683

CSS Examples

Text

The CSS property to change the color of the text to Android 4287016797 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(134, 175, 93)` looks like.

```
.text, #text, p{  
    color:rgb(134, 175, 93)  
}
```

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(134, 175, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 175, 93) }
```

Border

The CSS property to change the border of an element to Android 4287016797 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(134, 175, 93) }
```

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

```
.border{ border-color:rgb(134, 175, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 175, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 175, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 175, 93);  
box-shadow:4px 4px 4px 4px rgb(134, 175,  
93) }
```

Background

The CSS property to change the background color of an element to Android 4287016797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 175, 93) }
```

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

```
.background{ background-color: rgb(134,  
175, 93) }
```

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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