

Converting Colors

Android(4287095380)

Have a look what the booklet for
Android(4287095380) contains.

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Color

Android(4287095380)

Conversions

Conversions Part 1

Format	Color
Hex	87E254
RGB	135, 226, 84
RGB Percent	53%, 89%, 33%
CMY	0.4706, 0.1137, 0.6706
CMYK	0.40, 0.00, 0.63, 0.11
HSL	98°, 71%, 61%
HSV	98°, 63%, 89%
XYZ	38.7883, 60.1837, 17.9598
YIQ	182.6030, -8.6540, -63.4540

Conversions

Conversions Part 2

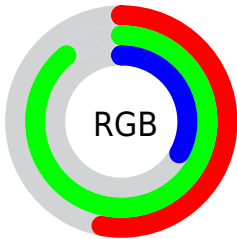
Format	Color
RYB	84, 226, 175
Decimal	8905300
CIELab	81.94, -51.27, 59.17
CIElCh	82, 78.299, 130.909
Yxy	60.1837, 0.3317, 0.5147
Android (android.graphics.Color)	4287095380 (0xFF87E254)
YUV	182.6030, -48.6113, -41.7478
Hunter-Lab	77.5782, -46.5136, 40.5787

Details

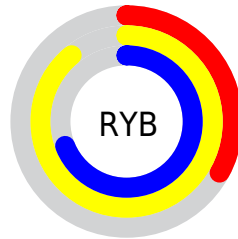
The Android color `4287095380` is a light color, and the websafe version is hex `66CC33`. The color can be described as light muted chartreuse. A complement of this color would be `4289680610`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4290903947`, and `4283279896` is the 20% darker color. If you saturate the color by 10%, you get `4286177853`, and if you desaturate by 10%, it is `4288012907`.

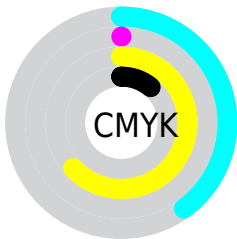
Distribution



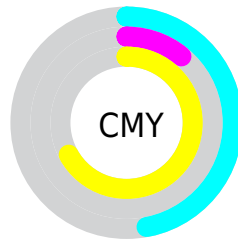
- Red (53%)
- Green (89%)
- Blue (33%)



- Red (33%)
- Yellow (89%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (63%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287095380 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 4287095380 by changing the saturation by 10% instead.

 4287095380

 4287095380

4294967295

 4285187640

 4290903947

 4283279896

 4292870055

 4281110272

 4294836163

 4278220032

 4294967264

 4278213376

4294967293

 4278206976

 4278201600

 4278193408

 4278190080

■ 4287095380

■ 4287095380

■ 4286177853

■ 4288012907

■ 4285194791

■ 4288995969

■ 4284277264

■ 4289913496

■ 4283556352

■ 4290896558

■ 4291814085

■ 4292797148

■ 4293714674

■ 4294697727

■ 4294959871

Harmonies

Analogous

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



4292399396



4287095380



4278250393

Triad

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



4287095380



4278247935



4294935988

Complementary

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



4287095380



4289680610

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.



4294938366



4287095380



4284730367

Square

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



4287095380



4278250751



4294094079



4294941039

Rectangle

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



4287095380



4278251212



4294094079



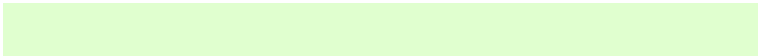
4294935757

Sweetspot

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



4287095380



4292935631



4293045844



4285366370



4278190080



4286611584

Same Dimension

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



4287095380



4286906176



4283753063



4285100133



4282363904



4279316480

Inverse Universe

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



4289680610



4290396415



4293022927



4285293936



4285595824



4280221744

Previews

White Background



This preview shows how the Android color 4287095380 looks on a white background.

Color Contrast Check

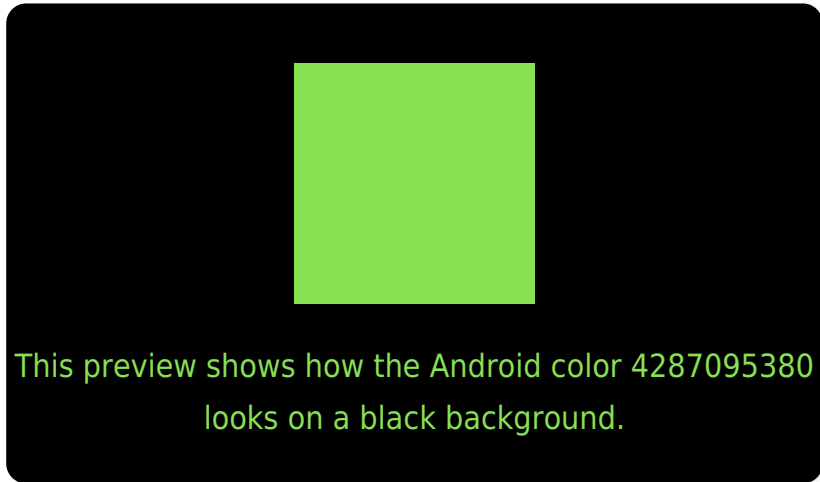
Large Text (above 18pt) WCAG AA × Fail

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 4287095380 Background



This preview shows how black text looks on a background with the Android color 4287095380.



This preview shows how white text looks on a background with the Android color 4287095380.

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



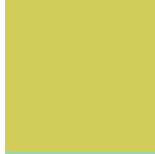
Trichromacy



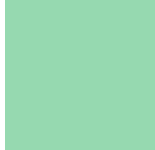
Original Color
4287095380



Protanomaly
4290892624



Deuteranomaly
4291874138

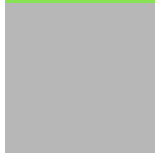


Tritanomaly
4288076208

Monochromacy



Original Color
4287095380



Achromatopsia
4290230199



Achromatomaly
4289120147

CSS Examples

Text

The CSS property to change the color of the text to Android 4287095380 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, 226, 84)` looks like.

```
.text, #text, p{  
    color:rgb(135, 226, 84)  
}
```

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, 226, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 226, 84) }
```

Border

The CSS property to change the border of an element to Android 4287095380 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, 226, 84) }
```

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

```
.border{ border-color:rgb(135, 226, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 226, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 226, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 226, 84);  
box-shadow:4px 4px 4px 4px rgb(135, 226,  
84) }
```

Background

The CSS property to change the background color of an element to Android 4287095380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 226, 84) }
```

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

```
.background{ background-color: rgb(135,  
226, 84) }
```

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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