

Converting Colors

Android(4286316356)

Have a look what the booklet for
Android(4286316356) contains.

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Color

Android(4286316356)

Conversions

Conversions Part 1

Format	Color
Hex	7BFF44
RGB	123, 255, 68
RGB Percent	48%, 100%, 27%
CMY	0.5176, 0.0000, 0.7333
CMYK	0.52, 0.00, 0.73, 0.00
HSL	102°, 100%, 63%
HSV	102°, 73%, 100%
XYZ	44.9718, 76.1483, 17.7967
YIQ	194.2140, -18.6450, -86.1410

Conversions

Conversions Part 2

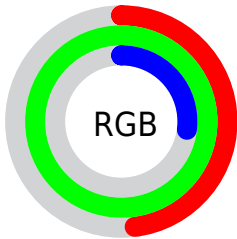
Format	Color
RYB	68, 255, 200
Decimal	8126276
CIELab	89.93, -66.97, 73.28
CIELCh	90, 99.275, 132.423
Yxy	76.1483, 0.3237, 0.5482
Android (android.graphics.Color)	4286316356 (0xFF7BFF44)
YUV	194.2140, -62.2235, -62.4547
Hunter-Lab	87.2630, -60.7187, 48.9923

Details

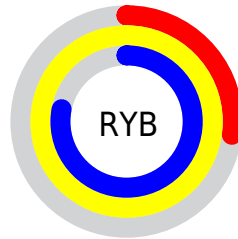
The Android color `4286316356` is a dark color, and the websafe version is hex `66FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4291314943`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290379647`, and `4281648384` is the 20% darker color. If you saturate the color by 10%, you get `4285136682`, and if you desaturate by 10%, it is `4287496029`.

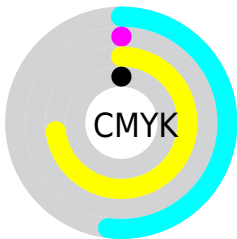
Distribution



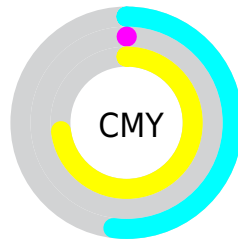
- Red (48%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286316356 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 4286316356 by changing the saturation by 10% instead.

 4286316356

 4286316356

4294967295

 4284146208

 4290379647

 4281648384

 4292411292

 4278233344

 4294442937

 4278226432

 4294967254

 4278219520

 4294967284

 4278212864

 4278206464

 4278200320

 4278190080

 4286316356

 4286316356

 4285136682


 4287496029

 4283957009

 4288675703

 4283170560

 4289855377

 4291035050

 4292214723

 4293394397

 4294574070

4294967295

Harmonies

Analogous

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



4293519872



4286316356



4278255525

Triad

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



4286316356



4278254847



4294933695

Complementary

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



4286316356



4291314943

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.



4294937087



4286316356



4281786623

Square

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



4286316356



4278255615



4294948607



4294942309

Rectangle

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



4286316356



4278255591



4294948607



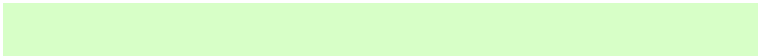
4294933215

Sweetspot

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



4286316356



4292345799



4294952772



4285038686



4278190080



4286611584

Same Dimension

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



4286316356



4284612383



4282711913



4286021747



4281908992



4279451648

Inverse Universe

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



4291314943



4290584575



4294919386



4286346112



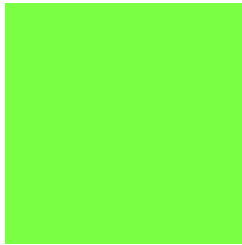
4287037631



4281139264

Previews

White Background



This preview shows how the Android color 4286316356 looks on a white background.

Color Contrast Check

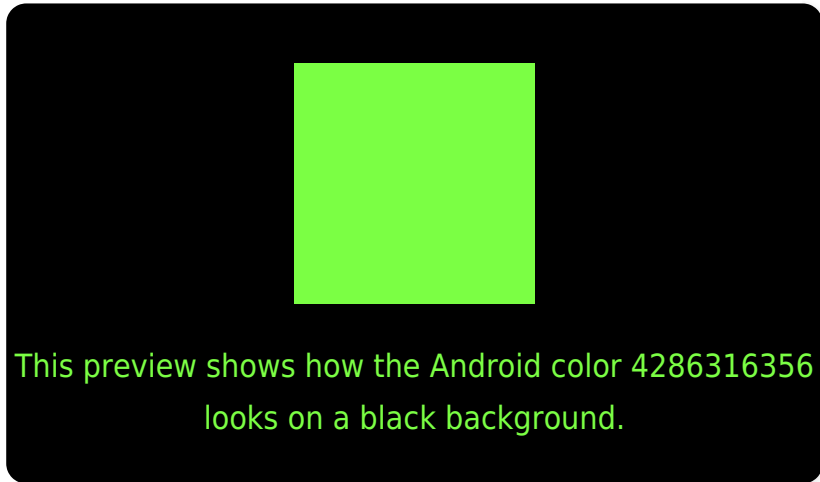
Large Text (above 18pt) WCAG AA × Fail

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

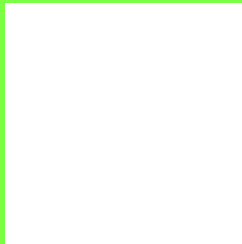
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286316356 Background



This preview shows how black text looks on a background with the Android color 4286316356.

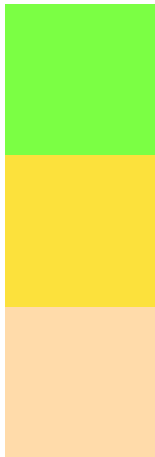


This preview shows how white text looks on a background with the Android color 4286316356.

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
4286316356

Protanopia
4294762812

Deuteranopia
4294957994



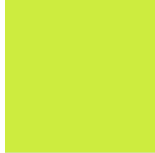
Tritanopia
4288867839

Trichromacy



Original Color

4286316356



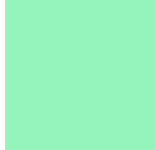
Protanomaly

4291685439



Deuteranomaly

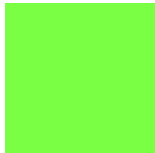
4291815557



Tritanomaly

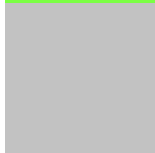
4287952059

Monochromacy



Original Color

4286316356



Achromatopsia

4290953922



Achromatomaly

4289255572

CSS Examples

Text

The CSS property to change the color of the text to Android 4286316356 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(123, 255, 68)` looks like.

```
.text, #text, p{  
    color:rgb(123, 255, 68)  
}
```

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(123, 255, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 255, 68) }
```

Border

The CSS property to change the border of an element to Android 4286316356 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(123, 255, 68) }
```

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

```
.border{ border-color:rgb(123, 255, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 255, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 255, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 255, 68);  
box-shadow:4px 4px 4px 4px rgb(123, 255,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4286316356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 255, 68) }
```

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

```
.background{ background-color: rgb(123,  
255, 68) }
```

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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