

Converting Colors

Android(4286054195)

Have a look what the booklet for
Android(4286054195) contains.

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Color

Android(4286054195)

Conversions

Conversions Part 1

Format	Color
Hex	77FF33
RGB	119, 255, 51
RGB Percent	47%, 100%, 20%
CMY	0.5333, 0.0000, 0.8000
CMYK	0.53, 0.00, 0.80, 0.00
HSL	100°, 100%, 60%
HSV	100°, 80%, 100%
XYZ	43.9653, 75.6810, 15.4226
YIQ	191.0800, -15.5720, -92.2760

Conversions

Conversions Part 2

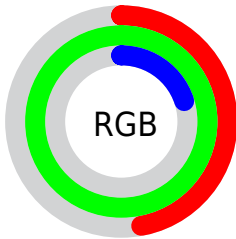
Format	Color
RYB	51, 255, 187
Decimal	7864115
CIELab	89.71, -68.96, 78.01
CIELCh	90, 104.119, 131.479
Yxy	75.6810, 0.3255, 0.5603
Android (android.graphics.Color)	4286054195 (0xFF77FF33)
YUV	191.0800, -69.0594, -63.2142
Hunter-Lab	86.9948, -62.0309, 50.3853

Details

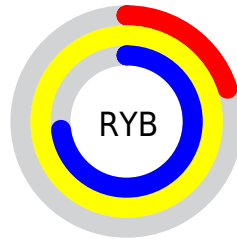
The Android color `4286054195` is a dark color, and the websafe version is hex `66FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4290458623`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4290183026`, and `4281124096` is the 20% darker color. If you saturate the color by 10%, you get `4284940057`, and if you desaturate by 10%, it is `4287168333`.

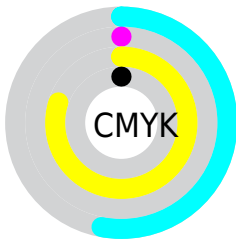
Distribution



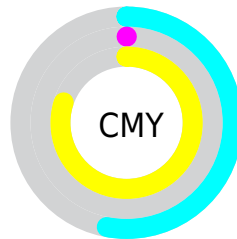
- Red (47%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286054195 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 4286054195 by changing the saturation by 10% instead.



4286054195



4286054195

4294967295



4283818496



4290183026



4281124096



4292214672



4278233344



4294246317



4278226432



4294967242



4278219520



4294967272



4278212864



4278206464



4278200064



4278190080

■ 4286054195

■ 4286054195

■ 4284940057

■ 4287168333

■ 4283825920

■ 4288282470

■ 4289396608

■ 4290510745

■ 4291624883

■ 4292739020

■ 4293853158

4294967295

Harmonies

Analogous

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



4293650688



4286054195



4278255518

Triad

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



4286054195



4278255359



4294930880

Complementary

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



4286054195



4290458623

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.



4294935039



4286054195



4278247935

Square

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



4286054195



4278255615



4294948095



4294940513

Rectangle

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



4286054195



4278255588



4294948095



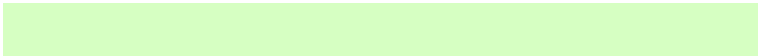
4294930401

Sweetspot

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



4286054195



4292280258



4294949683



4284973147



4278190080



4286611584

Same Dimension

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



4286054195



4284284682



4281597781



4286021747



4282433280



4279582720

Inverse Universe

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



4290458623



4289530623



4294915037



4286280576



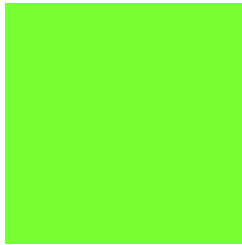
4286578879



4281008192

Previews

White Background



This preview shows how the Android color 4286054195 looks on a white background.

Color Contrast Check

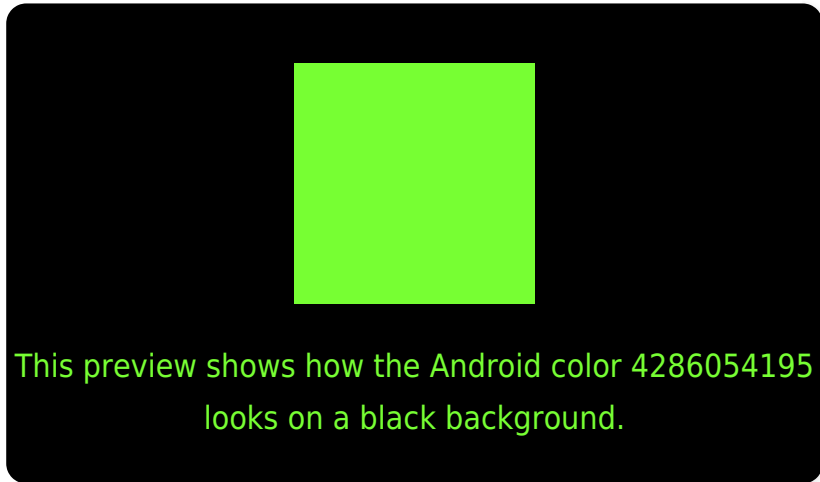
Large Text (above 18pt) WCAG AA × Fail

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

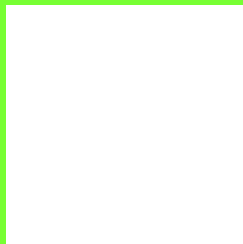
Any Text WCAG AAA ✓ Pass

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

Android 4286054195 Background



This preview shows how black text looks on a background with the Android color 4286054195.

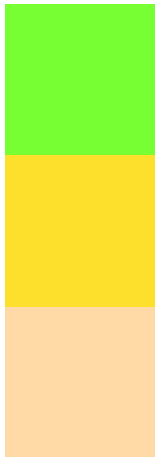


This preview shows how white text looks on a background with the Android color 4286054195.

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
4286054195

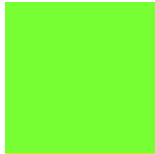
Protanopia
4294762539

Deuteranopia
4294957734



Tritanopia
4288671231

Trichromacy



Original Color

4286054195



Protanomaly

4291619630



Deuteranomaly

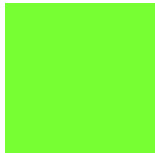
4291749756



Tritanomaly

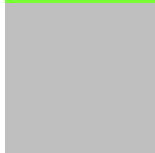
4287689909

Monochromacy



Original Color

4286054195



Achromatopsia

4290756543



Achromatomaly

4289058444

CSS Examples

Text

The CSS property to change the color of the text to Android 4286054195 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(119, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(119, 255, 51)  
}
```

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(119, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 255, 51) }
```

Border

The CSS property to change the border of an element to Android 4286054195 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(119, 255, 51) }
```

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

```
.border{ border-color:rgb(119, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(119, 255,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4286054195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 255, 51) }
```

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

```
.background{ background-color: rgb(119,  
255, 51) }
```

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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