

Converting Colors

Android(4286706200)

Have a look what the booklet for
Android(4286706200) contains.

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Color

Android(4286706200)

Conversions

Conversions Part 1

Format	Color
Hex	81F218
RGB	129, 242, 24
RGB Percent	51%, 95%, 9%
CMY	0.4941, 0.0510, 0.9059
CMYK	0.47, 0.00, 0.90, 0.05
HSL	91°, 89%, 52%
HSV	91°, 90%, 95%
XYZ	40.9703, 68.2373, 11.8759
YIQ	183.3610, 2.6300, -91.7540

Conversions

Conversions Part 2

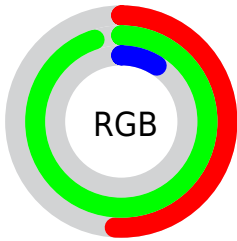
Format	Color
R_{YB}	24, 242, 137
Decimal	8516120
CIE _{Lab}	86.12, -62.49, 80.52
CIE _{LCh}	86, 101.926, 127.816
Yxy	68.2373, 0.3384, 0.5636
Android (android.graphics.Color)	4286706200 (0xFF81F218)
YUV	183.3610, -78.5650, -47.6746
Hunter-Lab	82.6059, -56.0292, 49.3002

Details

The Android color `4286706200` is a dark color, and the websafe version is hex `99FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4287174898`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4290707297`, and `4282366208` is the 20% darker color. If you saturate the color by 10%, you get `4285919744`, and if you desaturate by 10%, it is `4287558192`.

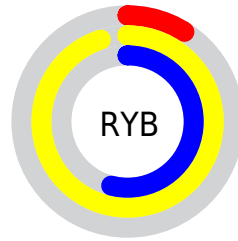
Distribution



Red (51%)

Green (95%)

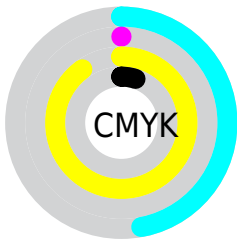
Blue (9%)



Red (9%)

Yellow (95%)

Blue (54%)

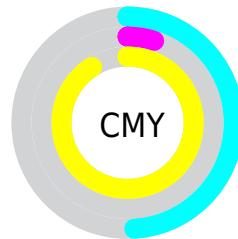


Cyan (47%)

Magenta (0%)

Yellow (90%)

Black (5%)



Cyan (49%)

Magenta (5%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286706200 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 4286706200 by changing the saturation by 10% instead.

 4286706200

 4286706200

4294967295

 4284601600

 4290707297

 4282366208

 4292738943

 4278754560

 4294770589

 4278223360

 4294967226

 4278216704

 4294967256

 4278210304

 4294967286

 4278204160

 4278197760

 4278190080

■ 4286706200

■ 4286706200

■ 4285919744

■ 4287558192

■ 4288344648

■ 4289196641

■ 4289983097

■ 4290835089

■ 4291621545

■ 4292473537

■ 4293259994

■ 4294111986

Harmonies

Analogous

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



4293647104



4286706200



4278255242

Triad

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



4286706200



4278253055



4294928322

Complementary

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



4286706200



4287174898

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.



4294934271



4286706200



4278246399

Square

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



4286706200



4278255615



4294488575



4294936677

Rectangle

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



4286706200



4278255565



4294488575



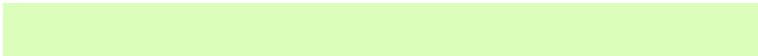
4294928611

Sweetspot

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



4286706200



4292607930



4294084888



4285169751



4278190080



4286611584

Same Dimension

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



4286706200



4286316288



4279824924



4285692012



4284004352



4279973888

Inverse Universe

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



4287174898



4286841087



4294056174



4285688952



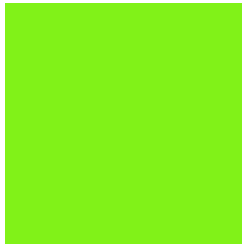
4284416184



4280090680

Previews

White Background



This preview shows how the Android color 4286706200 looks on a white background.

Color Contrast Check

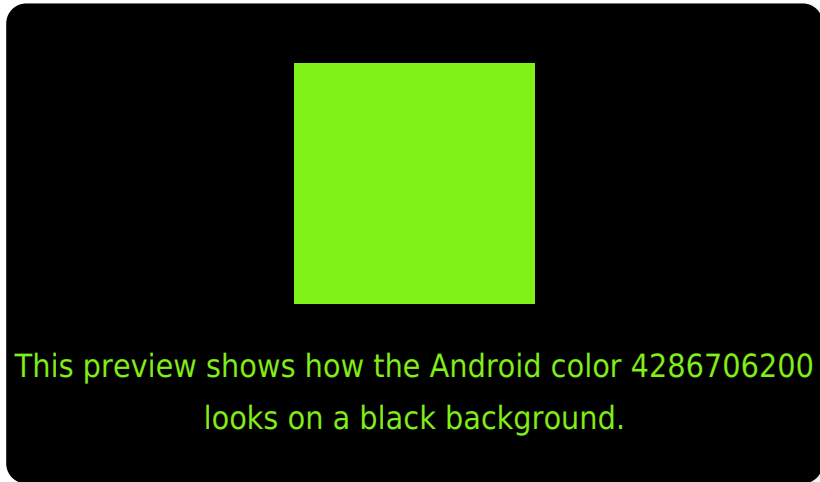
Large Text (above 18pt) WCAG AA × Fail

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 4286706200 Background



This preview shows how black text looks on a background with the Android color 4286706200.



This preview shows how white text looks on a background with the Android color 4286706200.

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
4286706200

Protanopia
4294039050

Deuteranopia
4294954622



Tritanopia
4288668147

Trichromacy



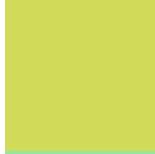
Original Color

4286706200



Protanomaly

4291354639



Deuteranomaly

4291943257



Tritanomaly

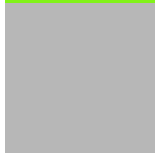
4287948707

Monochromacy



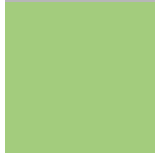
Original Color

4286706200



Achromatopsia

4290230199



Achromatomaly

4288924797

CSS Examples

Text

The CSS property to change the color of the text to Android 4286706200 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(129, 242, 24)` looks like.

```
.text, #text, p{  
    color:rgb(129, 242, 24)  
}
```

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(129, 242, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 242, 24) }
```

Border

The CSS property to change the border of an element to Android 4286706200 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(129, 242, 24) }
```

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

```
.border{ border-color:rgb(129, 242, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 242, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 242, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 242, 24);  
box-shadow:4px 4px 4px 4px rgb(129, 242,  
24) }
```

Background

The CSS property to change the background color of an element to Android 4286706200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 242, 24) }
```

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

```
.background{ background-color: rgb(129,  
242, 24) }
```

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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