

Converting Colors

Android(4286316438)

Have a look what the booklet for
Android(4286316438) contains.

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Color

Android(4286316438)

Conversions

Conversions Part 1

Format	Color
Hex	7BFF96
RGB	123, 255, 150
RGB Percent	48%, 100%, 59%
CMY	0.5176, 0.0000, 0.4118
CMYK	0.52, 0.00, 0.41, 0.00
HSL	132°, 100%, 74%
HSV	132°, 52%, 100%
XYZ	49.4334, 77.9330, 41.2913
YIQ	203.5620, -44.9670, -60.6390

Conversions

Conversions Part 2

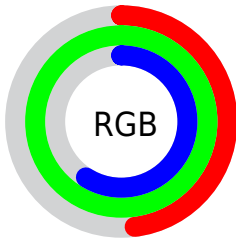
Format	Color
RYB	123, 233, 255
Decimal	8126358
CIELab	90.75, -58.03, 39.29
CIElCh	91, 70.077, 145.902
Yxy	77.9330, 0.2931, 0.4621
Android (android.graphics.Color)	4286316438 (0xFF7BFF96)
YUV	203.5620, -26.4061, -70.6529
Hunter-Lab	88.2796, -54.5359, 34.0639

Details

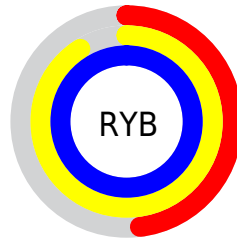
The Android color `4286316438` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294933476`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4290248653`, and `4282041698` is the 20% darker color. If you saturate the color by 10%, you get `4284678018`, and if you desaturate by 10%, it is `4288020394`.

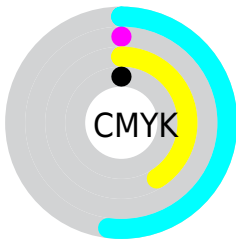
Distribution



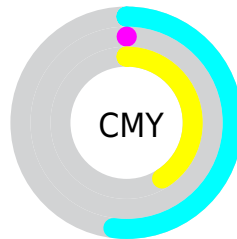
- Red (48%)
- Green (100%)
- Blue (59%)



- Red (48%)
- Yellow (91%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286316438 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 4286316438 by changing the saturation by 10% instead.

 4286316438

 4286316438

4294967295

 4284277371

 4290248653

 4282041698

 4292214762

 4278298952

 4294180863

 4278226479

 4278219541

 4278213120

 4278206720

 4278200832

 4278191360

 4286316438

 4286316438


 4284678018

 4288020394

 4282974061

 4289658815

 4281335641

 4291362771

 4279631685

 4293001191

 4278255412

 4294705147

4294967295

Harmonies

Analogous

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



4291949157



4286316438



4278255577

Triad

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



4286316438



4280283135



4294946734

Complementary

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



4286316438



4294933476

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.



4294945521



4286316438



4292466687

Square

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



4286316438



4278255359



4294949887



4294952310

Rectangle

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



4286316438



4278255615



4294949887



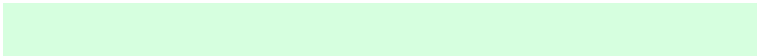
4294945731

Sweetspot

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



4286316438



4292280287



4293263227



4284973164



4278190080



4286611584

Same Dimension

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



4286316438



4284612481



4286316503



4285759605



4278239015



4278206477

Inverse Universe

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



4294933476



4294926815



4294933411



4286608253



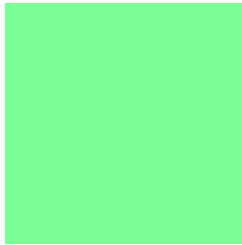
4290707608



4282384435

Previews

White Background



This preview shows how the Android color 4286316438 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



This preview shows how the Android color 4286316438 looks on a 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 4286316438 Background



This preview shows how black text looks on a background with the Android color 4286316438.

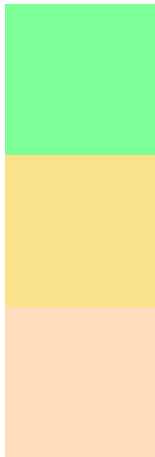


This preview shows how white text looks on a background with the Android color 4286316438.

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
4286316438

Protanopia
4294501259

Deuteranopia
4294958524



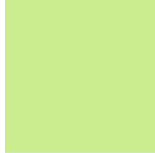
Tritanopia
4289327103

Trichromacy



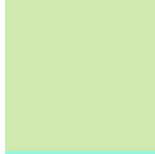
Original Color

4286316438



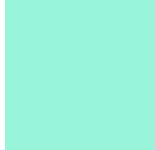
Protanomaly

4291554703



Deuteranomaly

4291815854



Tritanomaly

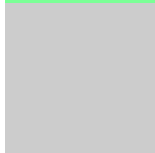
4288214489

Monochromacy



Original Color

4286316438



Achromatopsia

4291611852



Achromatomaly

4289716152

CSS Examples

Text

The CSS property to change the color of the text to Android 4286316438 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(123, 255, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 255, 150) }
```

Border

The CSS property to change the border of an element to Android 4286316438 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, 150) }
```

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

```
.border{ border-color:rgb(123, 255, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(123, 255,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4286316438 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, 150) }
```

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

```
.background{ background-color: rgb(123,  
255, 150) }
```

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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