

Converting Colors

Android(4284215926)

Have a look what the booklet for
Android(4284215926) contains.

Android(4284215926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284215926)

Conversions

Conversions Part 1

Format	Color
Hex	5BF276
RGB	91, 242, 118
RGB Percent	36%, 95%, 46%
CMY	0.6431, 0.0510, 0.5373
CMYK	0.62, 0.00, 0.51, 0.05
HSL	131°, 85%, 65%
HSV	131°, 62%, 95%
XYZ	39.3365, 67.0364, 28.0056
YIQ	182.7150, -50.1920, -70.5760

Conversions

Conversions Part 2

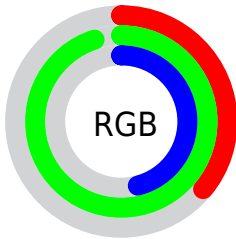
Format	Color
R_{YB}	91, 219, 242
Decimal	6025846
CIE _{Lab}	85.52, -64.99, 47.85
CIE _{LCh}	86, 80.699, 143.637
Yxy	67.0364, 0.2927, 0.4989
Android (android.graphics.Color)	4284215926 (0xFF5BF276)
YUV	182.7150, -31.9045, -80.4341
Hunter-Lab	81.8758, -57.5238, 37.0329

Details

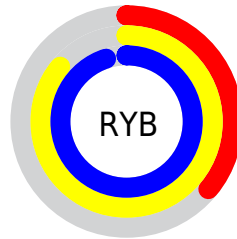
The Android color `4284215926` is a light color, and the websafe version is hex `66FF99`. The color can be described as light muted spring green. A complement of this color would be `4294073303`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4288413612`, and `4278237506` is the 20% darker color. If you saturate the color by 10%, you get `4282643042`, and if you desaturate by 10%, it is `4285788810`.

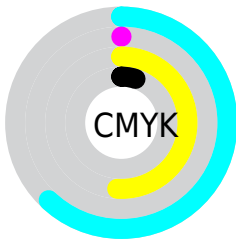
Distribution



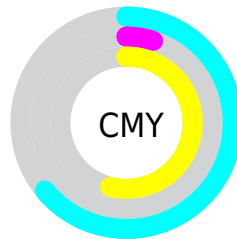
- Red (36%)
- Green (95%)
- Blue (46%)



- Red (36%)
- Yellow (86%)
- Blue (95%)



- Cyan (62%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284215926 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 4284215926 by changing the saturation by 10% instead.



4284215926



4284215926

4294967295



4281783644



4288413612



4278237506



4290379720



4278230311



4292411365



4278223364



4294443007



4278216448



4278209792



4278203904



4278197248




4278190080

 4284215926

 4284215926

 4282643042

 4285788810

 4281070158

 4287361694

 4279431738

 4289000114

 4278252075

 4290572997

 4292145881

 4293718765

 4294963967

Harmonies

Analogous

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



4290962488



4284215926



4278254018

Triad

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



4284215926



4278248447



4294939293

Complementary

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



4284215926



4294073303

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.



4294938345



4284215926



4290300159

Square

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



4284215926



4278252543



4294944767



4294946395

Rectangle

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



4284215926



4278254327



4294944767



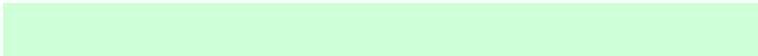
4294938038

Sweetspot

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



4284215926



4291821527



4292473435



4284645479



4278190080



4286611584

Same Dimension

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



4284215926



4282449762



4284216000



4285298798



4278237217



4278204426

Inverse Universe

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



4294073303



4294918365



4294073229



4286082166



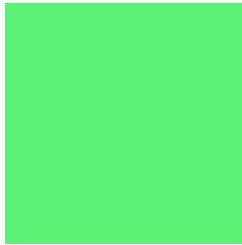
4290248855



4281860142

Previews

White Background



This preview shows how the Android color 4284215926 looks on a white background.

Color Contrast Check

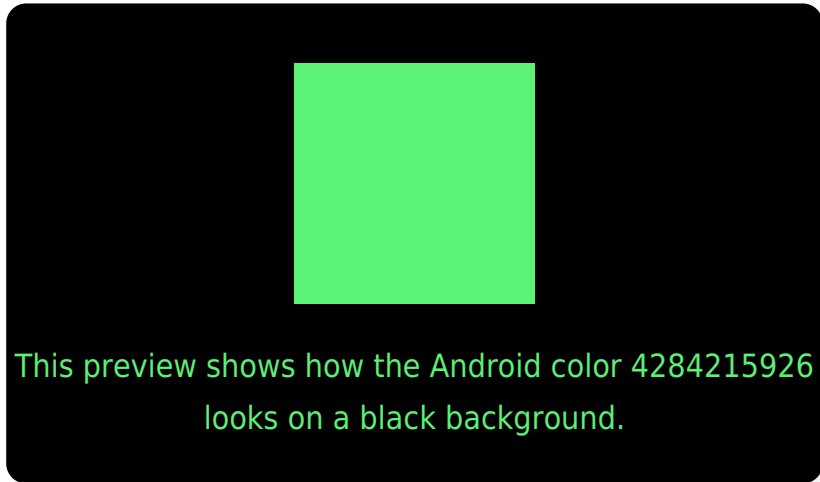
Large Text (above 18pt) WCAG AA × Fail

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 4284215926 Background



This preview shows how black text looks on a background with the Android color 4284215926.

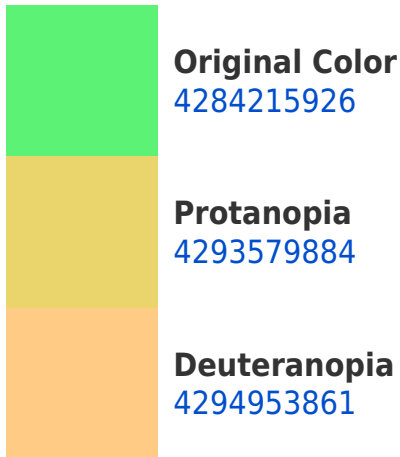


This preview shows how white text looks on a background with the Android color 4284215926.

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

4284215926



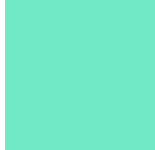
Protanomaly

4290174832



Deuteranomaly

4291025280



Tritanomaly

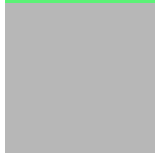
4285655495

Monochromacy



Original Color

4284215926



Achromatopsia

4290230199



Achromatomaly

4288072863

CSS Examples

Text

The CSS property to change the color of the text to Android 4284215926 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(91, 242, 118)` looks like.

```
.text, #text, p{  
    color:rgb(91, 242, 118)  
}
```

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(91, 242, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 242, 118) }
```

Border

The CSS property to change the border of an element to Android 4284215926 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(91, 242, 118) }
```

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

```
.border{ border-color:rgb(91, 242, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 242, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 242, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 242, 118);  
box-shadow:4px 4px 4px 4px rgb(91, 242,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4284215926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 242, 118) }
```

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

```
.background{ background-color: rgb(91, 242,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor