

Converting Colors

Android(4286626821)

Have a look what the booklet for
Android(4286626821) contains.

Android(4286626821)	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(4286626821)

Conversions

Conversions Part 1

Format	Color
Hex	80BC05
RGB	128, 188, 5
RGB Percent	50%, 74%, 2%
CMY	0.4980, 0.2627, 0.9804
CMYK	0.32, 0.00, 0.97, 0.26
HSL	80°, 95%, 38%
HSV	80°, 97%, 74%
XYZ	26.9127, 40.5666, 6.5553
YIQ	149.1980, 22.9830, -69.6330

Conversions

Conversions Part 2

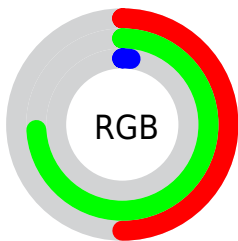
Format	Color
R _Y B	5, 188, 65
Decimal	8436741
CIE Lab	69.87, -41.81, 69.67
CIE LCh	70, 81.248, 120.967
Yxy	40.5666, 0.3635, 0.5479
Android (android.graphics.Color)	4286626821 (0xFF80BC05)
YUV	149.1980, -71.0896, -18.5906
Hunter-Lab	63.6919, -36.0365, 38.4821

Details

The Android color **4286626821** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4282451388**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4290442577**, and **4282877440** is the 20% darker color. If you saturate the color by 10%, you get **4286495744**, and if you desaturate by 10%, it is **4287020056**.

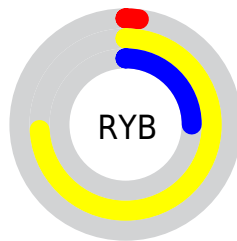
Distribution



Red (50%)

Green (74%)

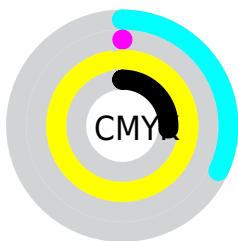
Blue (2%)



Red (2%)

Yellow (74%)

Blue (25%)

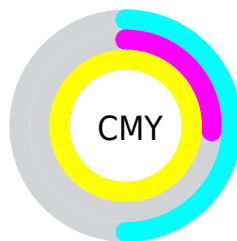


Cyan (32%)

Magenta (0%)

Yellow (97%)

Black (26%)



Cyan (50%)

Magenta (26%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286626821 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 4286626821 by changing the saturation by 10% instead.



4286626821



4286626821

4294967295



4284784896



4290442577



4282877440



4292345709



4280904960



4294311818



4278211584



4294967206



4278205440



4294967235



4278200064



4294967264



4278190080

4294967294



4286626821



4286626821

■ 4286495744

■ 4287020056

■ 4287413291

■ 4287806525

■ 4288265296

■ 4288658531

■ 4289051766

■ 4289445001

■ 4289838235

■ 4290231470

Harmonies

Analogous

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



4291471360



4286626821



4278241118

Triad

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



4286626821



4278240511



4294924972

Complementary

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



4286626821



4282451388

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.



4294930932



4286626821



4278236159

Square

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



4286626821



4278242293



4289304319



4294928739

Rectangle

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



4286626821



4278242193



4289304319



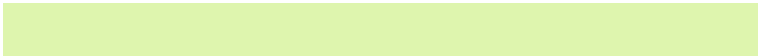
4294926020

Sweetspot

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



4286626821



4292801966



4290526981



4285299280



4294638330



4286216826

Same Dimension

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



4286626821



4289066240



4280794117



4284178005



4285177344



4279574272

Inverse Universe

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



4282451388



4283433205



4288284092



4283979102



4281598110



4278845471

Previews

White Background



This preview shows how the Android color 4286626821 looks on a white background.

Color Contrast Check

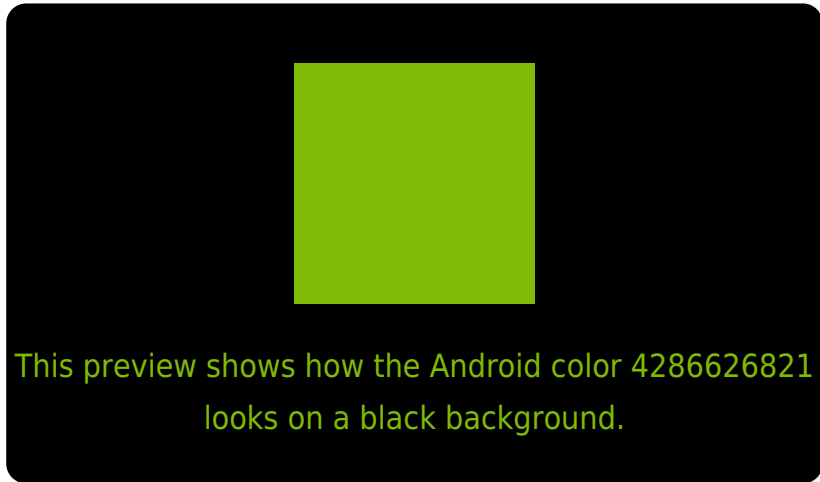
Large Text (above 18pt) WCAG AA × Fail

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 4286626821 Background



This preview shows how black text looks on a background with the Android color 4286626821.



This preview shows how white text looks on a background with the Android color 4286626821.

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
4286626821

Protanomaly
4289310978

Deuteranomaly
4290226969

Tritanomaly
4287411322

Monochromacy



Original Color
4286626821

Achromatopsia
4287993237

Achromatomaly
4287472481

CSS Examples

Text

The CSS property to change the color of the text to Android 4286626821 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(128, 188, 5)` looks like.

```
.text, #text, p{  
    color:rgb(128, 188, 5)  
}
```

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(128, 188, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 188, 5) }
```

Border

The CSS property to change the border of an element to Android 4286626821 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(128, 188, 5) }
```

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

```
.border{ border-color:rgb(128, 188, 5) }
```

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

Here you see how a box with a 4 pixel rgb(128, 188, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 188, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 188, 5);  
box-shadow:4px 4px 4px 4px rgb(128, 188,  
5) }
```

Background

The CSS property to change the background color of an element to Android 4286626821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 188, 5) }
```

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

```
.background{ background-color: rgb(128,  
188, 5) }
```

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