

Converting Colors

Android(4290626858)

Have a look what the booklet for
Android(4290626858) contains.

Android(4290626858)	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(4290626858)

Conversions

Conversions Part 1

Format	Color
Hex	BDC52A
RGB	189, 197, 42
RGB Percent	74%, 77%, 16%
CMY	0.2588, 0.2275, 0.8353
CMYK	0.04, 0.00, 0.79, 0.23
HSL	63°, 65%, 47%
HSV	63°, 79%, 77%
XYZ	41.3704, 50.9185, 9.8383
YIQ	176.9380, 44.9870, -49.9010

Conversions

Conversions Part 2

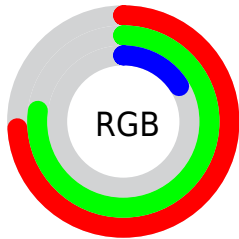
Format	Color
R _Y B	42, 197, 50
Decimal	12436778
CIE Lab	76.63, -20.34, 69.96
CIE LCh	77, 72.857, 106.211
Yxy	50.9185, 0.4051, 0.4986
Android (android.graphics.Color)	4290626858 (0xFFBDC52A)
YUV	176.9380, -66.5244, 10.5784
Hunter-Lab	71.3572, -21.3869, 41.7755

Details

The Android color **4290626858** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4281477829**, and the grayscale version is **4289901234**.

A 20% lighter version of the original color is **4294507878**, and **4286877440** is the 20% darker color. If you saturate the color by 10%, you get **4290561302**, and if you desaturate by 10%, it is **4290692414**.

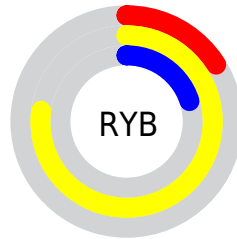
Distribution



Red (74%)

Green (77%)

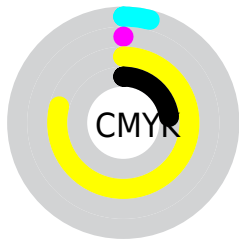
Blue (16%)



Red (16%)

Yellow (77%)

Blue (20%)

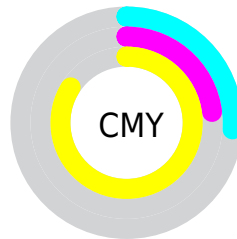


Cyan (4%)

Magenta (0%)

Yellow (79%)

Black (23%)



Cyan (26%)

Magenta (23%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290626858 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 4290626858 by changing the saturation by 10% instead.



4290626858



4290626858

4294967295



4288719360



4294507878



4286877440



4294967170



4285036032



4294967198



4283260160



4294967226



4281419264



4294967255



4279709440



4294967285



4278197248



4278190080



4290626858



4290626858

■ 4290561302

■ 4290692414

■ 4290495747

■ 4290757969

■ 4290495744

■ 4290823525

■ 4290889081

■ 4290954637

■ 4291020192

■ 4291085748

■ 4291151304

■ 4291216859

Harmonies

Analogous

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



4294553391



4290626858



4285453402

Triad

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



4290626858



4278245887



4294935263

Complementary

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



4290626858



4281477829

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.



4293893119



4290626858



4278243071

Square

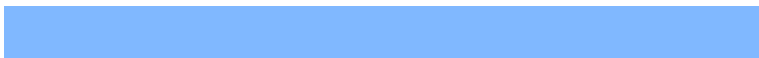
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4290626858



4278246881



4286626047



4294934171

Rectangle

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



4290626858



4278245764



4286626047



4294936821

Sweetspot

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



4290626858



4294770626



4291113514



4286480475



4278190080



4286611584

Same Dimension

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



4290626858



4294180623



4285580586



4284703578



4288389888



4280427520

Inverse Universe

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



4281477829



4280029183



4286524101



4284111459



4278714531



4278321188

Previews

White Background



This preview shows how the Android color 4290626858 looks on a white background.

Color Contrast Check

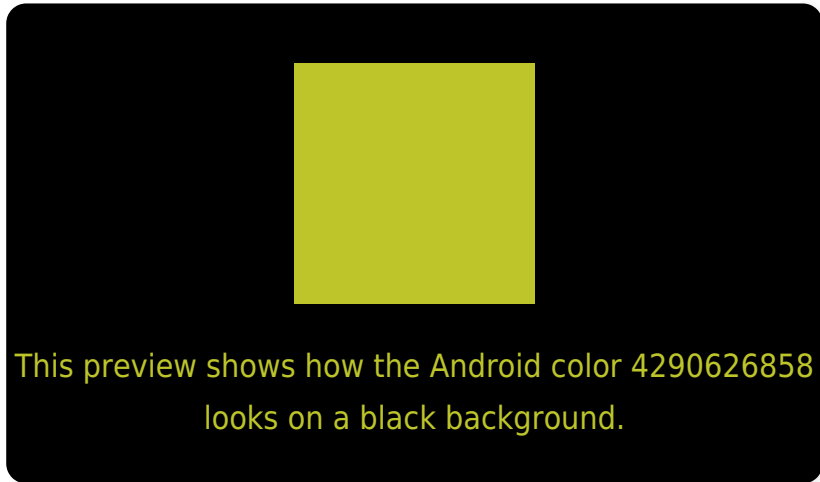
Large Text (above 18pt) WCAG AA × Fail

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 4290626858 Background



This preview shows how black text looks on a background with the Android color 4290626858.



This preview shows how white text looks on a background with the Android color 4290626858.

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
4290626858

Protanopia
4292132136

Deuteranopia
4293767987



Tritanopia
4291475654

Trichromacy



Original Color
4290626858

Protanomaly
4291608617

Deuteranomaly
4292655664

Tritanomaly
4291149197

Monochromacy



Original Color
4290626858

Achromatopsia
4289835441

Achromatomaly
4290099328

CSS Examples

Text

The CSS property to change the color of the text to Android 4290626858 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(189, 197, 42)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 42)  
}
```

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(189, 197, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 42) }
```

Border

The CSS property to change the border of an element to Android 4290626858 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(189, 197, 42) }
```

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

```
.border{ border-color:rgb(189, 197, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 197, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 197, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 197, 42);  
box-shadow:4px 4px 4px 4px rgb(189, 197,  
42) }
```

Background

The CSS property to change the background color of an element to Android 4290626858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 42) }
```

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

```
.background{ background-color: rgb(189,  
197, 42) }
```

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