

Converting Colors

Android(4290635808)

Have a look what the booklet for
Android(4290635808) contains.

Android(4290635808)	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(4290635808)

Conversions

Conversions Part 1

Format	Color
Hex	BDE820
RGB	189, 232, 32
RGB Percent	74%, 91%, 13%
CMY	0.2588, 0.0902, 0.8745
CMYK	0.19, 0.00, 0.86, 0.09
HSL	73°, 81%, 52%
HSV	73°, 86%, 91%
XYZ	50.1036, 68.6363, 11.9739
YIQ	196.3430, 38.5720, -71.3160

Conversions

Conversions Part 2

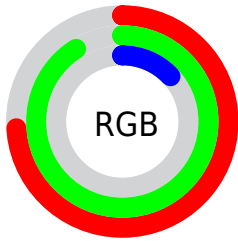
Format	Color
R _Y B	32, 232, 75
Decimal	12445728
CIE Lab	86.32, -37.14, 80.60
CIE LCh	86, 88.747, 114.742
Yxy	68.6363, 0.3833, 0.5251
Android (android.graphics.Color)	4290635808 (0xFFBDE820)
YUV	196.3430, -81.0211, -6.4398
Hunter-Lab	82.8470, -37.0305, 49.4237

Details

The Android color **4290635808** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **4283113704**, and the grayscale version is **4291151301**.

A 20% lighter version of the original color is **4294573925**, and **4286754816** is the 20% darker color. If you saturate the color by 10%, you get **4290308105**, and if you desaturate by 10%, it is **4290963511**.

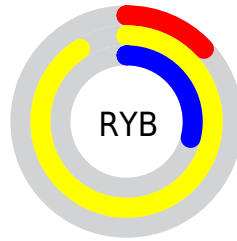
Distribution



Red (74%)

Green (91%)

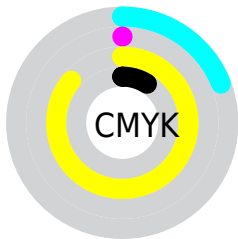
Blue (13%)



Red (13%)

Yellow (91%)

Blue (29%)

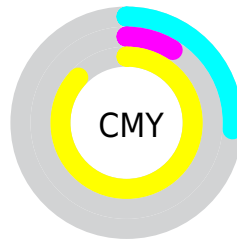


Cyan (19%)

Magenta (0%)

Yellow (86%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290635808 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 4290635808 by changing the saturation by 10% instead.

 4290635808

 4290635808

4294967295

 4288728064

 4294573925

 4286754816

 4294967170

 4284912896

 4294967199

 4283005696

 4294967229

 4281033216

 4294967258

 4278405632

 4294967288

 4278203136

 4278197760

 4278190080

■ 4290635808

■ 4290635808

■ 4290308105

■ 4290963511

■ 4290177024

■ 4291291214

■ 4291618918

■ 4291946621

■ 4292274324

■ 4292602027

■ 4292929730

■ 4293257434

■ 4293585137

Harmonies

Analogous

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



4294954752



4290635808



4282185584

Triad

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



4290635808



4278253823



4294935787

Complementary

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



4290635808



4283113704

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.



4294943231



4290635808



4278249215

Square

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



4290635808



4278255615



4290365695



4294937495

Rectangle

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



4290635808



4278254761



4290365695



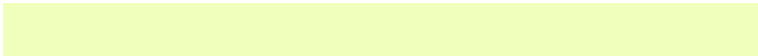
4294937599

Sweetspot

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



4290635808



4294049725



4293412896



4286021720



4278190080



4286611584

Same Dimension

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



4290635808



4291362560



4284278816



4285559655



4287410944



4280824576

Inverse Universe

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



4283113704



4281794815



4289470696



4285163379



4280680627



4278911027

Previews

White Background



This preview shows how the Android color 4290635808 looks on a white background.

Color Contrast Check

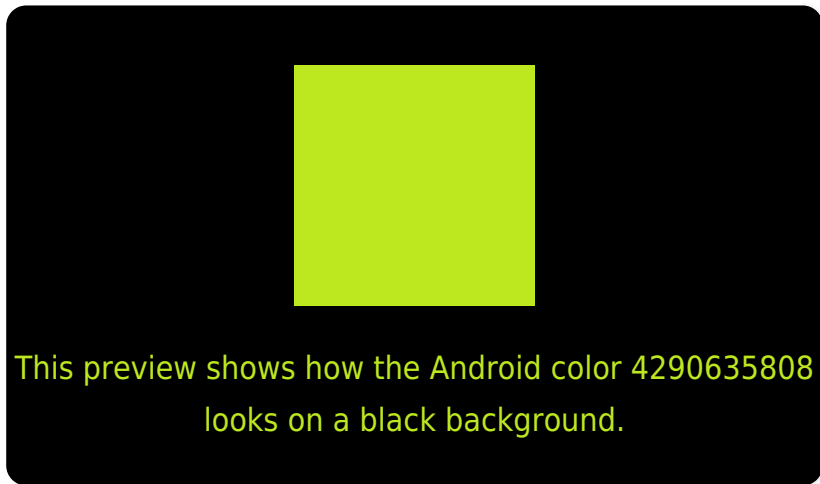
Large Text (above 18pt) WCAG AA × Fail

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 4290635808 Background



This preview shows how black text looks on a background with the Android color 4290635808.



This preview shows how white text looks on a background with the Android color 4290635808.

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
4290635808

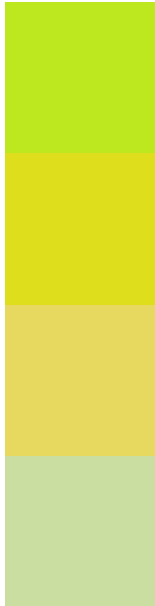
Protanopia
4294170651

Deuteranopia
4294955140



Tritanopia
4291877097

Trichromacy



Original Color
4290635808

Protanomaly
4292861469

Deuteranomaly
4293384544

Tritanomaly
4291419808

Monochromacy



Original Color
4290635808

Achromatopsia
4291085508

Achromatomaly
4290892168

CSS Examples

Text

The CSS property to change the color of the text to Android 4290635808 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, 232, 32)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 32)  
}
```

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, 232, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 32) }
```

Border

The CSS property to change the border of an element to Android 4290635808 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, 232, 32) }
```

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

```
.border{ border-color:rgb(189, 232, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 32);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
32) }
```

Background

The CSS property to change the background color of an element to Android 4290635808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 32) }
```

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

```
.background{ background-color: rgb(189,  
232, 32) }
```

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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