

Converting Colors

Android(4290177842)

Have a look what the booklet for
Android(4290177842) contains.

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Color

Android(4290177842)

Conversions

Conversions Part 1

Format	Color
Hex	B6EB32
RGB	182, 235, 50
RGB Percent	71%, 92%, 20%
CMY	0.2863, 0.0784, 0.8039
CMYK	0.23, 0.00, 0.79, 0.08
HSL	77°, 82%, 56%
HSV	77°, 79%, 92%
XYZ	49.5755, 69.5920, 13.8373
YIQ	198.0630, 27.7970, -68.7710

Conversions

Conversions Part 2

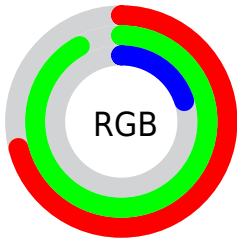
Format	Color
RYB	50, 235, 103
Decimal	11987762
CIELab	86.80, -40.61, 76.68
CIELCh	87, 86.770, 117.903
Yxy	69.5920, 0.3727, 0.5232
Android (android.graphics.Color)	4290177842 (0xFFB6EB32)
YUV	198.0630, -72.9951, -14.0873
Hunter-Lab	83.4218, -39.9103, 48.5608

Details

The Android color `4290177842` 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 `4284953323`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4294115184`, and `4286362368` is the 20% darker color. If you saturate the color by 10%, you get `4289719066`, and if you desaturate by 10%, it is `4290636617`.

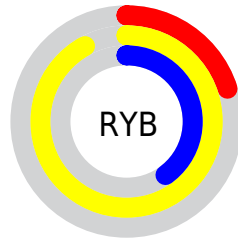
Distribution



Red (71%)

Green (92%)

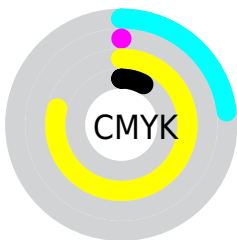
Blue (20%)



Red (20%)

Yellow (92%)

Blue (40%)

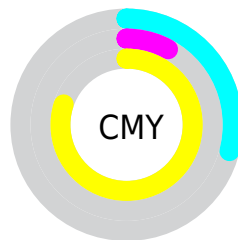


Cyan (23%)

Magenta (0%)

Yellow (79%)

Black (8%)



Cyan (29%)

















Magenta (8%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290177842 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 4290177842 by changing the saturation by 10% instead.

 4290177842	 4290177842
4294967295	 4288270080
 4294115184	 4286362368
 4294967181	 4284454912
 4294967210	 4282547712
 4294967239	 4280443904
 4294967269	 4278209536
	 4278203392
	 4278198272
	 4278190080

■ 4290177842

■ 4290177842

■ 4289719066

■ 4290636617

■ 4289325827

■ 4291029857

■ 4289260288

■ 4291488632

■ 4291947408

■ 4292406183

■ 4292799423

■ 4293258198

■ 4293716974

■ 4294175743

Harmonies

Analogous

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



4294955784



4290177842



4280875389

Triad

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



4290177842



4278253567



4294936547

Complementary

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



4290177842



4284953323

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.



4294942975



4290177842



4278248959

Square

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



4290177842



4278255615



4291675903



4294939025

Rectangle

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



4290177842



4278255284



4291675903



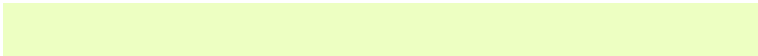
4294937854

Sweetspot

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



4290177842



4293787586



4293617202



4285890651



4278190080



4286611584

Same Dimension

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



4290177842



4290445071



4284148530



4285691242



4286690560



4280694272

Inverse Universe

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



4284953323



4283699199



4290982635



4285360757



4281598133



4279173174

Previews

White Background



This preview shows how the Android color 4290177842 looks on a white background.

Color Contrast Check

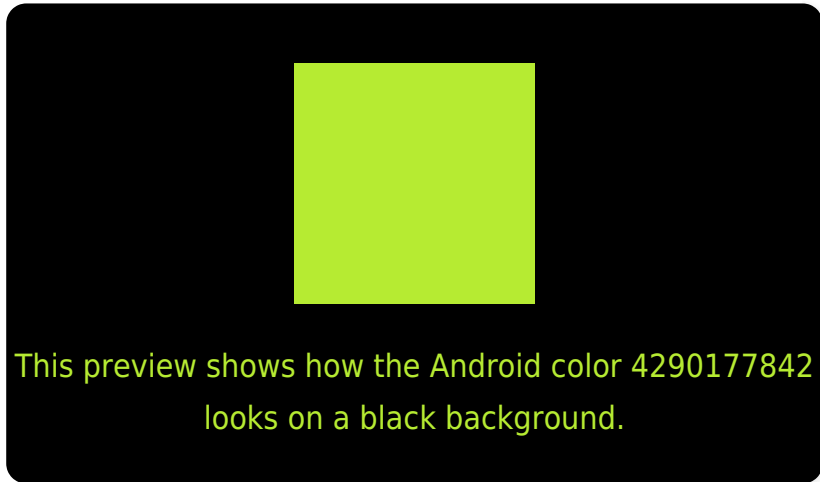
Large Text (above 18pt) WCAG AA × Fail

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 4290177842 Background



This preview shows how black text looks on a background with the Android color 4290177842.



This preview shows how white text looks on a background with the Android color 4290177842.

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





Tritanopia
4291484652

Trichromacy



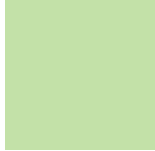
Original Color
4290177842



Protanomaly
4292730927



Deuteranomaly
4293188203



Tritanomaly
4291027368

Monochromacy



Original Color
4290177842



Achromatopsia
4291217094



Achromatomaly
4290827152

CSS Examples

Text

The CSS property to change the color of the text to Android 4290177842 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(182, 235, 50)` looks like.

```
.text, #text, p{  
    color:rgb(182, 235, 50)  
}
```

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(182, 235, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 235, 50) }
```

Border

The CSS property to change the border of an element to Android 4290177842 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(182, 235, 50) }
```

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

```
.border{ border-color:rgb(182, 235, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 235, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 235, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 235, 50);  
box-shadow:4px 4px 4px 4px rgb(182, 235,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4290177842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 235, 50) }
```

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

```
.background{ background-color: rgb(182,  
235, 50) }
```

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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