

Converting Colors

Android(4284212315)

Have a look what the booklet for
Android(4284212315) contains.

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Color

Android(4284212315)

Conversions

Conversions Part 1

Format	Color
Hex	5BE45B
RGB	91, 228, 91
RGB Percent	36%, 89%, 36%
CMY	0.6431, 0.1059, 0.6431
CMYK	0.60, 0.00, 0.60, 0.11
HSL	120°, 72%, 63%
HSV	120°, 60%, 89%
XYZ	33.9461, 58.4663, 19.3935
YIQ	171.4190, -37.6750, -71.6510

Conversions

Conversions Part 2

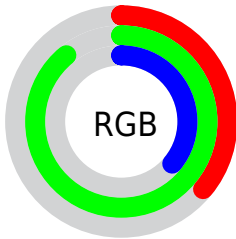
Format	Color
RYB	91, 228, 228
Decimal	6022235
CIELab	81.00, -63.34, 54.71
CIELCh	81, 83.698, 139.184
Yxy	58.4663, 0.3036, 0.5229
Android (android.graphics.Color)	4284212315 (0xFF5BE45B)
YUV	171.4190, -39.6466, -70.5275
Hunter-Lab	76.4632, -54.5650, 38.4864

Details

The Android color `4284212315` is a dark color, and the websafe version is hex `33CC33`. The color can be described as middle muted green. A complement of this color would be `4293155812`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4288282513`, and `4278233891` is the 20% darker color. If you saturate the color by 10%, you get `4282704964`, and if you desaturate by 10%, it is `4285719666`.

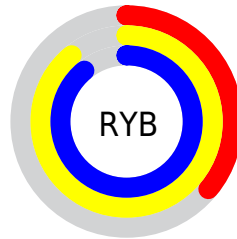
Distribution



Red (36%)

Green (89%)

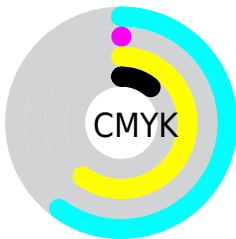
Blue (36%)



Red (36%)

Yellow (89%)

Blue (89%)

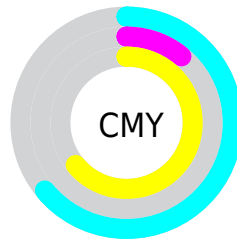


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (11%)



Cyan (64%)

Magenta (11%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284212315 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 4284212315 by changing the saturation by 10% instead.



4284212315



4284212315

4294967295



4281845568



4288282513



4278233891



4290314157



4278226944



4292280265



4278220032



4294311910



4278213376



4278206976



4278200832



4278191872




4278190080

 4284212315

 4284212315

 4282704964

 4285719666

 4281197613

 4287227017

 4279755799

 4288668831

 4278248448

 4290176182

 4291683533

 4293190884

 4294698235

 4294960383

Harmonies

Analogous

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



4290761743



4284212315



4278250665

Triad

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



4284212315



4278246143



4294934170

Complementary

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



4284212315



4293155812

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.



4294934249



4284212315



4287480063

Square

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



4284212315



4278249983



4294942207



4294941267

Rectangle

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



4284212315



4278251232



4294942207



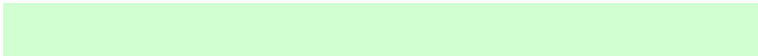
4294932916

Sweetspot

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



4284212315



4291952593



4293190747



4284711011



4278190080



4286611584

Same Dimension

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



4284212315



4282908487



4284212383



4284969831



4278235904



4278203136

Inverse Universe

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



4293155812



4294920191



4293155743



4285753203



4289921203



4281532467

Previews

White Background



This preview shows how the Android color 4284212315 looks on a white background.

Color Contrast Check

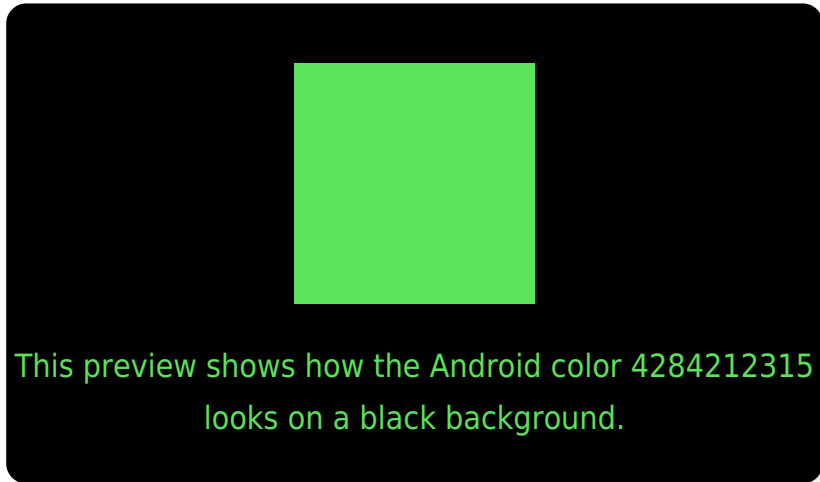
Large Text (above 18pt) WCAG AA × Fail

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

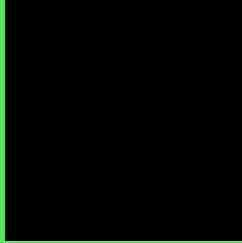
Any Text WCAG AA ✓ Pass

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 4284212315 Background



This preview shows how black text looks on a background with the Android color 4284212315.

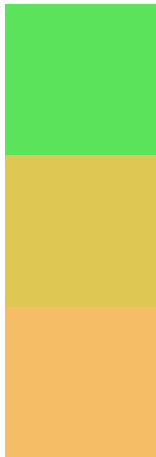


This preview shows how white text looks on a background with the Android color 4284212315.

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
4284212315

Protanopia
4292790355

Deuteranopia
4294295142

Trichromacy



Original Color

4284212315



Protanomaly

4289647190



Deuteranomaly

4290628706



Tritanomaly

4285651892

Monochromacy



Original Color

4284212315



Achromatopsia

4289440683



Achromatomaly

4287545486

CSS Examples

Text

The CSS property to change the color of the text to Android 4284212315 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, 228, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 228, 91)  
}
```

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, 228, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 228, 91) }
```

Border

The CSS property to change the border of an element to Android 4284212315 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, 228, 91) }
```

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

```
.border{ border-color:rgb(91, 228, 91) }
```

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

Here you see how a box with a 4 pixel rgb(91, 228, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 228, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 228, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 228,  
91) }
```

Background

The CSS property to change the background color of an element to Android 4284212315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 228, 91) }
```

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

```
.background{ background-color: rgb(91, 228,  
91) }
```

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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