

Converting Colors

Android(4290763327)

Have a look what the booklet for
Android(4290763327) contains.

Android(4290763327)	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(4290763327)

Conversions

Conversions Part 1

Format	Color
Hex	BFDA3F
RGB	191, 218, 63
RGB Percent	75%, 85%, 25%
CMY	0.2510, 0.1451, 0.7529
CMYK	0.12, 0.00, 0.71, 0.15
HSL	70°, 68%, 55%
HSV	70°, 71%, 85%
XYZ	47.4545, 61.5781, 14.0873
YIQ	192.2570, 33.6630, -53.9290

Conversions

Conversions Part 2

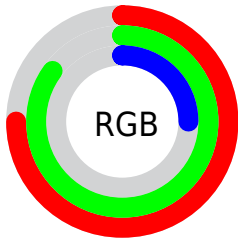
Format	Color
RYB	63, 218, 90
Decimal	12573247
CIELab	82.69, -28.72, 69.00
CIELCh	83, 74.738, 112.602
Yxy	61.5781, 0.3854, 0.5001
Android (android.graphics.Color)	4290763327 (0xFFBFDA3F)
YUV	192.2570, -63.7237, -1.1024
Hunter-Lab	78.4717, -29.3805, 44.2864

Details

The Android color `4290763327` is a light color, and the websafe version is hex `99CC33`. The color can be described as light muted chartreuse. A complement of this color would be `4284104666`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4294639480`, and `4287013632` is the 20% darker color. If you saturate the color by 10%, you get `4290501161`, and if you desaturate by 10%, it is `4291025493`.

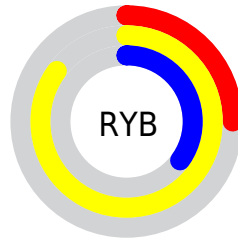
Distribution



Red (75%)

Green (85%)

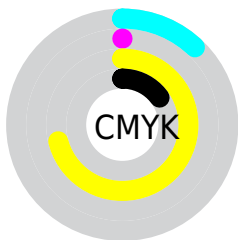
Blue (25%)



Red (25%)

Yellow (85%)

Blue (35%)

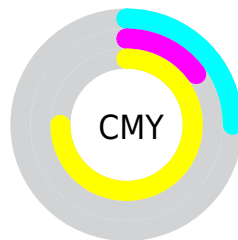


Cyan (12%)

Magenta (0%)

Yellow (71%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290763327 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 4290763327 by changing the saturation by 10% instead.



4290763327



4290763327

4294967295



4288855581



4294639480



4287013632



4294967188



4285171968



4294967217



4283330304



4294967245



4281554688



4294967275



4279648000



4278200576



4278194432



4278190080

■ 4290763327

■ 4290763327

■ 4290501161

■ 4291025493

■ 4290238995

■ 4291287659

■ 4290042368

■ 4291484288

■ 4291746454

■ 4292008620

■ 4292270786

■ 4292532952

■ 4292729581

■ 4292991743

Harmonies

Analogous

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



4294951990



4290763327



4284868724

Triad

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



4290763327



4278250239



4294938338

Complementary

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



4290763327



4284104666

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.



4294943999



4290763327



4278246399

Square

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



4290763327



4278251519



4289774335



4294938780

Rectangle

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



4290763327



4278250913



4289774335



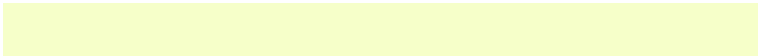
4294939642

Sweetspot

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



4290763327



4294377417



4292499775



4286218336



4278190080



4286611584

Same Dimension

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



4290763327



4292476710



4285782591



4285296227



4287606016



4280692224

Inverse Universe

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



4284104666



4283180799



4289085402



4284834670



4280156333



4278714414

Previews

White Background



This preview shows how the Android color 4290763327 looks on a white background.

Color Contrast Check

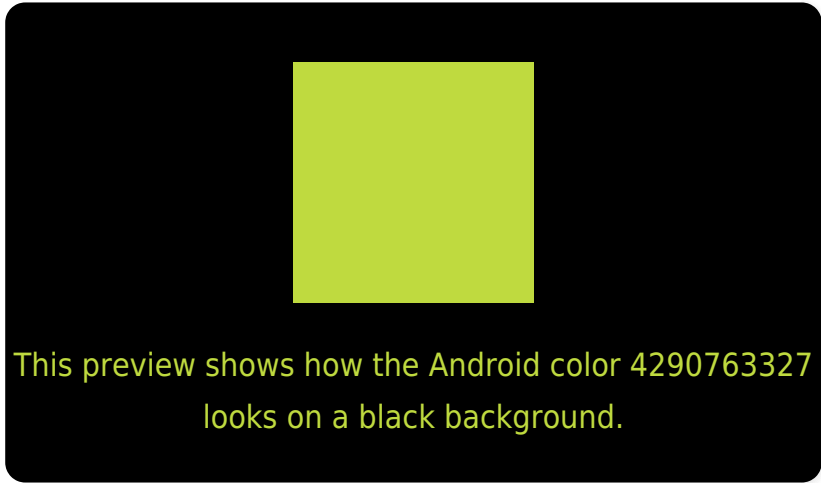
Large Text (above 18pt) WCAG AA × Fail

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 4290763327 Background



This preview shows how black text looks on a background with the Android color 4290763327.



This preview shows how white text looks on a background with the Android color 4290763327.

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
4290763327

Protanopia
4293316156

Deuteranopia
4294951761



Tritanopia
4291808220

Trichromacy



Original Color
4290763327

Protanomaly
4292399677

Deuteranomaly
4293446474

Tritanomaly
4291416227

Monochromacy



Original Color
4290763327

Achromatopsia
4290822336

Achromatomaly
4290824593

CSS Examples

Text

The CSS property to change the color of the text to Android 4290763327 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(191, 218, 63)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 63)  
}
```

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(191, 218, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 63) }
```

Border

The CSS property to change the border of an element to Android 4290763327 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(191, 218, 63) }
```

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

```
.border{ border-color:rgb(191, 218, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 63);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
63) }
```

Background

The CSS property to change the background color of an element to Android 4290763327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 63) }
```

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

```
.background{ background-color: rgb(191,  
218, 63) }
```

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