

Converting Colors

Android(4290765647)

Have a look what the booklet for
Android(4290765647) contains.

Android(4290765647)	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(4290765647)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFE34F</code>
RGB	<code>191, 227, 79</code>
RGB Percent	<code>75%, 89%, 31%</code>
CMY	<code>0.2510, 0.1098, 0.6902</code>
CMYK	<code>0.16, 0.00, 0.65, 0.11</code>
HSL	<code>75°, 73%, 60%</code>
HSV	<code>75°, 65%, 89%</code>
XYZ	<code>50.3662, 66.5790, 17.5936</code>
YIQ	<code>199.3640, 26.0520, -53.6600</code>

Conversions

Conversions Part 2

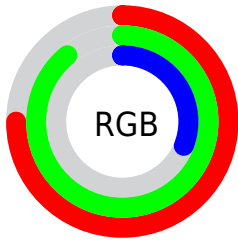
Format	Color
RYB	79, 227, 115
Decimal	12575567
CIELab	85.29, -31.99, 65.71
CIELCh	85, 73.079, 115.959
Yxy	66.5790, 0.3744, 0.4949
Android (android.graphics.Color)	4290765647 (0xFFBFE34F)
YUV	199.3640, -59.3395, -7.3352
Hunter-Lab	81.5960, -32.6114, 44.3332

Details

The Android color `4290765647` is a light color, and the websafe version is hex `CCFF66`. The color can be described as light muted chartreuse. A complement of this color would be `4285747171`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4294639495`, and `4287015945` is the 20% darker color. If you saturate the color by 10%, you get `4290372408`, and if you desaturate by 10%, it is `4291158886`.

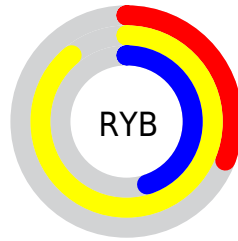
Distribution



Red (75%)

Green (89%)

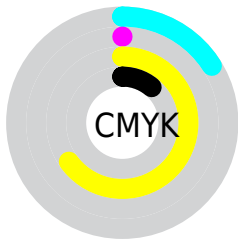
Blue (31%)



Red (31%)

Yellow (89%)

Blue (45%)

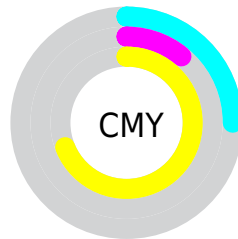


Cyan (16%)

Magenta (0%)

Yellow (65%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290765647 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 4290765647 by changing the saturation by 10% instead.



4290765647



4290765647

4294967295



4288857906



4294639495



4287015945



4294967203



4285174016



4294967231



4283397888



4294967260



4281556480



4294967290



4279584256



4278202112



4278196992



4278190080

■ 4290765647

■ 4290765647

■ 4290372408

■ 4291158886

■ 4290044706

■ 4291486588

■ 4289651467

■ 4291879827

■ 4289520384

■ 4292207530

■ 4292600769

■ 4292928471

■ 4293321710

■ 4293649407

■ 4294042623

Harmonies

Analogous

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



4294954561



4290765647



4284739716

Triad

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



4290765647



4278251519



4294940641

Complementary

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



4290765647



4285747171

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.



4294945535



4290765647



4278247679

Square

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



4290765647



4278253311



4291282943



4294941853

Rectangle

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



4290765647



4278252977



4291282943



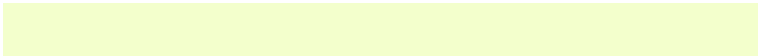
4294941689

Sweetspot

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



4290765647



4294180812



4293096015



4286087265



4278190080



4286611584

Same Dimension

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



4290765647



4291821368



4285981519



4285559655



4287083264



4280759040

Inverse Universe

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



4285747171



4285020415



4290531299



4285163379



4281008307



4278976563

Previews

White Background



This preview shows how the Android color 4290765647 looks on a white background.

Color Contrast Check

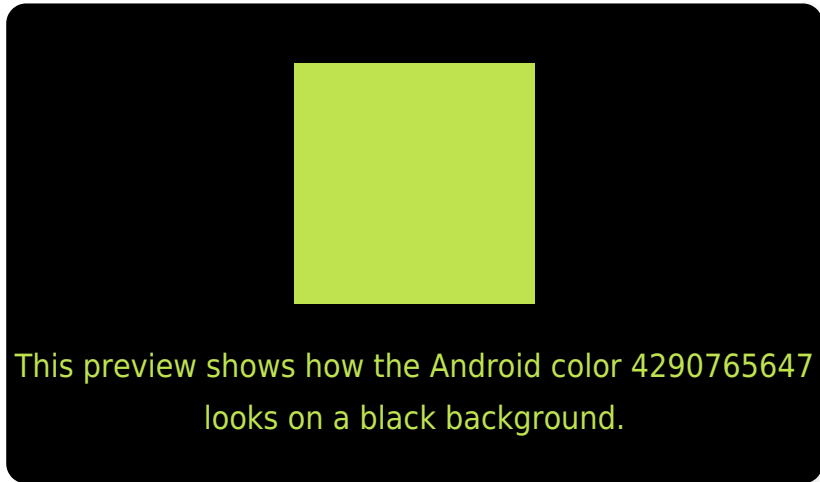
Large Text (above 18pt) WCAG AA × Fail

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 4290765647 Background



This preview shows how black text looks on a background with the Android color 4290765647.

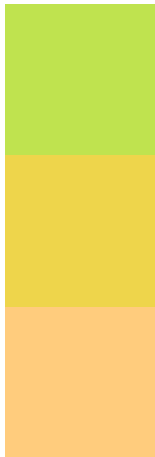


This preview shows how white text looks on a background with the Android color 4290765647.

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](#).

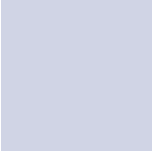
Dichromacy



Original Color
4290765647

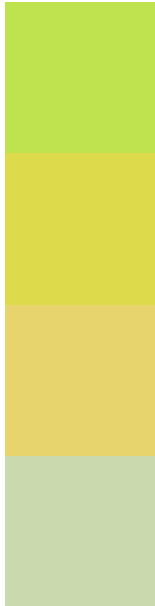
Protanopia
4293842251

Deuteranopia
4294954109



Tritanopia
4291876069

Trichromacy



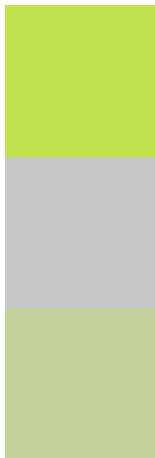
Original Color
4290765647

Protanomaly
4292729420

Deuteranomaly
4293448812

Tritanomaly
4291484078

Monochromacy



Original Color
4290765647

Achromatopsia
4291282887

Achromatomaly
4291088795

CSS Examples

Text

The CSS property to change the color of the text to Android 4290765647 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, 227, 79)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 79)  
}
```

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, 227, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 79) }
```

Border

The CSS property to change the border of an element to Android 4290765647 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, 227, 79) }
```

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

```
.border{ border-color:rgb(191, 227, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 227, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 79);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
79) }
```

Background

The CSS property to change the background color of an element to Android 4290765647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 79) }
```

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

```
.background{ background-color: rgb(191,  
227, 79) }
```

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