

Converting Colors

Android(4289916753)

Have a look what the booklet for
Android(4289916753) contains.

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Color

Android(4289916753)

Conversions

Conversions Part 1

Format	Color
Hex	B2EF51
RGB	178, 239, 81
RGB Percent	70%, 94%, 32%
CMY	0.3020, 0.0627, 0.6824
CMYK	0.26, 0.00, 0.66, 0.06
HSL	83°, 83%, 63%
HSV	83°, 66%, 94%
XYZ	50.7118, 71.7921, 18.9690
YIQ	202.7490, 14.3620, -62.0700

Conversions

Conversions Part 2

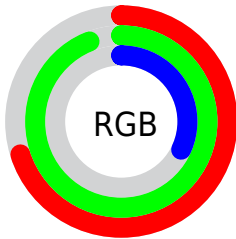
Format	Color
R_{YB}	81, 239, 142
Decimal	11726673
CIE _{Lab}	87.87, -42.18, 67.38
CIE _{LCh}	88, 79.493, 122.043
Yxy	71.7921, 0.3585, 0.5075
Android (android.graphics.Color)	4289916753 (0xFFB2EF51)
YUV	202.7490, -60.0223, -21.7049
Hunter-Lab	84.7302, -41.4440, 46.0375

Details

The Android color **4289916753** 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 **4287517167**, and the grayscale version is **4291546059**.

A 20% lighter version of the original color is **4293787529**, and **4286166794** is the 20% darker color. If you saturate the color by 10%, you get **4289326905**, and if you desaturate by 10%, it is **4290506601**.

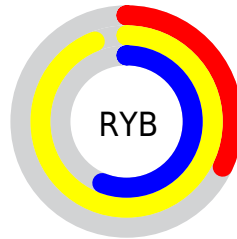
Distribution



Red (70%)

Green (94%)

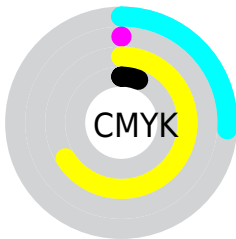
Blue (32%)



Red (32%)

Yellow (94%)

Blue (56%)

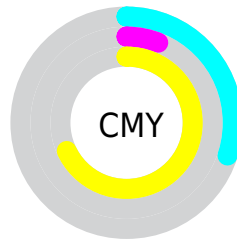


Cyan (26%)

Magenta (0%)

Yellow (66%)

Black (6%)



Cyan (30%)

Magenta (6%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289916753 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 4289916753 by changing the saturation by 10% instead.

 4289916753

 4289916753

4294967295

 4288009011

 4293787529

 4286166794

 4294967206

 4284259328

 4294967234

 4282351872

 4294967263

 4280379392

4294967293

 4278210304

 4278204160

 4278198784

 4278190080

■ 4289916753

■ 4289916753

■ 4289326905

■ 4290506601

■ 4288737057

■ 4291096449

■ 4288081673

■ 4291751833

■ 4287885056

■ 4292341681

■ 4292931528

■ 4293521376

■ 4294176760

■ 4294766591

■ 4294963199

Harmonies

Analogous

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



4294957619



4289916753



4281334674

Triad

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



4289916753



4278253311



4294940122

Complementary

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



4289916753



4287517167

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.



4294944511



4289916753



4278248447

Square

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



4289916753



4278255615



4293183231



4294943120

Rectangle

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



4289916753



4278255557



4293183231



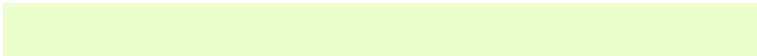
4294940660

Sweetspot

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



4289916753



4293656524



4293889617



4285825121



4278190080



4286611584

Same Dimension

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



4289916753



4289855286



4284739409



4285757548



4285642752



4280432640

Inverse Universe

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



4287517167



4286789375



4292694511



4285557880



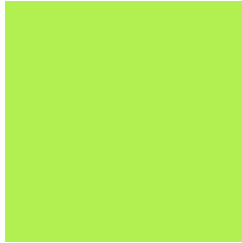
4282843320



4279631928

Previews

White Background



This preview shows how the Android color 4289916753 looks on a white background.

Color Contrast Check

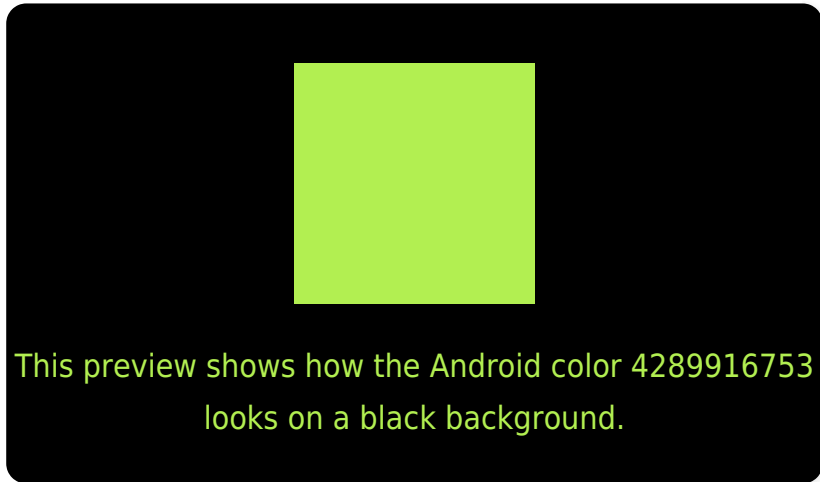
Large Text (above 18pt) WCAG AA × Fail

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 4289916753 Background



This preview shows how black text looks on a background with the Android color 4289916753.



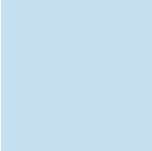
This preview shows how white text looks on a background with the Android color 4289916753.

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



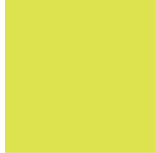


Tritanopia
4291223793

Trichromacy



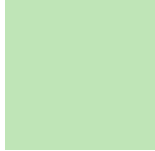
Original Color
4289916753



Protanomaly
4292731726



Deuteranomaly
4293123711

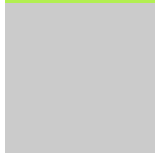


Tritanomaly
4290766263

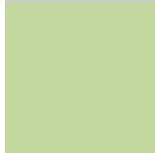
Monochromacy



Original Color
4289916753



Achromatopsia
4291546059



Achromatomaly
4290959519

CSS Examples

Text

The CSS property to change the color of the text to Android 4289916753 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(178, 239, 81)` looks like.

```
.text, #text, p{  
    color:rgb(178, 239, 81)  
}
```

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(178, 239, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 239, 81) }
```

Border

The CSS property to change the border of an element to Android 4289916753 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(178, 239, 81) }
```

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

```
.border{ border-color:rgb(178, 239, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 239, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 239, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 239, 81);  
box-shadow:4px 4px 4px 4px rgb(178, 239,  
81) }
```

Background

The CSS property to change the background color of an element to Android 4289916753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 239, 81) }
```

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

```
.background{ background-color: rgb(178,  
239, 81) }
```

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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