

Converting Colors

Android(4289456696)

Have a look what the booklet for
Android(4289456696) contains.

Android(4289456696)	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(4289456696)

Conversions

Conversions Part 1	
Format	Color
Hex	ABEA38
RGB	171, 234, 56
RGB Percent	67%, 92%, 22%
CMY	0.3294, 0.0824, 0.7804
CMYK	0.27, 0.00, 0.76, 0.08
HSL	81°, 81%, 57%
HSV	81°, 76%, 92%
XYZ	46.9312, 67.7891, 14.3524
YIQ	194.8710, 19.5900, -68.7140

Conversions

Conversions Part 2

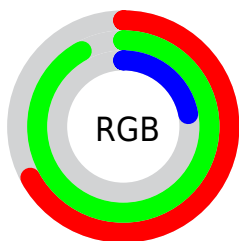
Format	Color
RYB	56, 234, 119
Decimal	11266616
CIELab	85.90, -44.03, 73.91
CIELCh	86, 86.029, 120.787
Yxy	67.7891, 0.3636, 0.5252
Android (android.graphics.Color)	4289456696 (0xFFABEA38)
YUV	194.8710, -68.4634, -20.9349
Hunter-Lab	82.3341, -42.3381, 47.2985

Details

The Android color **4289456696** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **4286003434**, and the grayscale version is **4291085508**.

A 20% lighter version of the original color is **4293328756**, and **4285641216** is the 20% darker color. If you saturate the color by 10%, you get **4288932385**, and if you desaturate by 10%, it is **4289981007**.

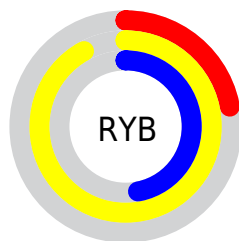
Distribution



Red (67%)

Green (92%)

Blue (22%)



Red (22%)

Yellow (92%)

Blue (47%)

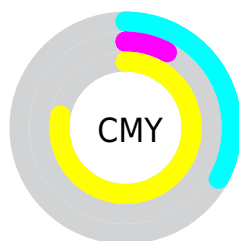


Cyan (27%)

Magenta (0%)

Yellow (76%)

Black (8%)



Cyan (33%)

Magenta (8%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289456696 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 4289456696 by changing the saturation by 10% instead.

 4289456696

 4289456696

4294967295

 4287548941


 4293328756

 4285641216

 4294967185

 4283733760

 4294967213

 4281761024

 4294967243

 4279264000

 4294967272

 4278209280

 4278203136

 4278197504

 4278190080

 4289456696

 4289456696

 4288932385

 4289981007

 4288342537

 4290570855

 4288145920

 4291095166

 4291619478

 4292143789

 4292733636

 4293257948

 4293782259

 4294372095

Harmonies

Analogous

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



4294824963



4289456696



4278253443

Triad

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



4289456696



4278252543



4294936024

Complementary

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



4289456696



4286003434

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.



4294941695



4289456696



4278247679

Square

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



4289456696



4278254847



4292395263



4294939272

Rectangle

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



4289456696



4278254522



4292395263



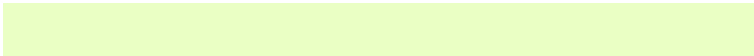
4294937076

Sweetspot

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



4289456696



4293590980



4293555768



4285759580



4278190080



4286611584

Same Dimension

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



4289456696



4289593111



4283689528



4285625706



4285904128



4280497664

Inverse Universe

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



4286003434



4285077503



4291770602



4285426293



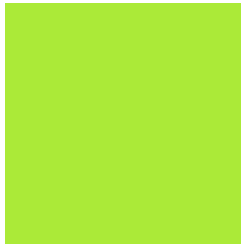
4282384565



4279435318

Previews

White Background



This preview shows how the Android color 4289456696 looks on a white background.

Color Contrast Check

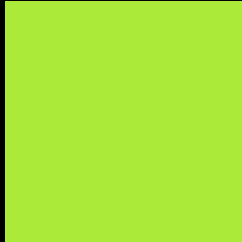
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4289456696 looks on a 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 4289456696 Background



This preview shows how black text looks on a background with the Android color 4289456696.

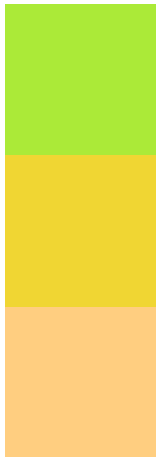


This preview shows how white text looks on a background with the Android color 4289456696.

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
4289456696

Protanopia
4293973555

Deuteranopia
4294954624

Trichromacy

	Original Color 4289456696
	Protanomaly 4292336949
	Deuteranomaly 4292925542
	Tritanomaly 4290306218

Monochromacy

	Original Color 4289456696
	Achromatopsia 4291019715
	Achromatomaly 4290433424

CSS Examples

Text

The CSS property to change the color of the text to Android 4289456696 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(171, 234, 56)` looks like.

```
.text, #text, p{  
    color:rgb(171, 234, 56)  
}
```

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(171, 234, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 234, 56) }
```

Border

The CSS property to change the border of an element to Android 4289456696 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(171, 234, 56) }
```

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

```
.border{ border-color:rgb(171, 234, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 234, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 234, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 234, 56);  
box-shadow:4px 4px 4px 4px rgb(171, 234,  
56) }
```

Background

The CSS property to change the background color of an element to Android 4289456696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 234, 56) }
```

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

```
.background{ background-color: rgb(171,  
234, 56) }
```

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