

Converting Colors

Android(4289776946)

Have a look what the booklet for
Android(4289776946) contains.

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Color

Android(4289776946)

Conversions

Conversions Part 1

Format	Color
Hex	B0CD32
RGB	176, 205, 50
RGB Percent	69%, 80%, 20%
CMY	0.3098, 0.1961, 0.8039
CMYK	0.14, 0.00, 0.76, 0.20
HSL	71°, 61%, 50%
HSV	71°, 76%, 80%
XYZ	40.3115, 53.1230, 11.1467
YIQ	178.6590, 32.4710, -54.3530

Conversions

Conversions Part 2

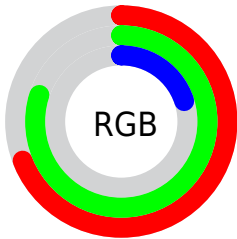
Format	Color
RYB	50, 205, 79
Decimal	11586866
CIELab	77.95, -29.28, 68.42
CIELCh	78, 74.421, 113.170
Yxy	53.1230, 0.3855, 0.5080
Android (android.graphics.Color)	4289776946 (0xFFB0CD32)
YUV	178.6590, -63.4289, -2.3319
Hunter-Lab	72.8856, -28.8249, 41.9524

Details

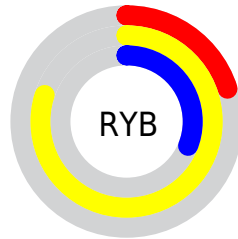
The Android color **4289776946** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4283380429**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4293656428**, and **4286027520** is the 20% darker color. If you saturate the color by 10%, you get **4289514782**, and if you desaturate by 10%, it is **4290039110**.

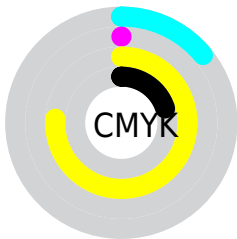
Distribution



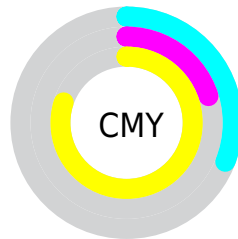
- Red (69%)
- Green (80%)
- Blue (20%)



- Red (20%)
- Yellow (80%)
- Blue (31%)



- Cyan (14%)
- Magenta (0%)
- Yellow (76%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289776946 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 4289776946 by changing the saturation by 10% instead.



4289776946



4289776946

4294967295



4287869447



4293656428



4286027520



4294967176



4284251392



4294967204



4282475520



4294967233



4280568832



4294967262



4278400256

4294967292



4278198528



4278190080



4289776946



4289776946

■ 4289514782

■ 4290039110

■ 4289252617

■ 4290301275

■ 4289187072

■ 4290563440

■ 4290760068

■ 4291022233

■ 4291284397

■ 4291546562

■ 4291808726

■ 4292070891

Harmonies

Analogous

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



4294031399



4289776946



4283751017

Triad

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



4289776946



4278246655



4294934740

Complementary

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



4289776946



4283380429

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.



4294940671



4289776946



4278242815

Square

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



4289776946



4278247925



4288984575



4294935439

Rectangle

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



4289776946



4278247318



4288984575



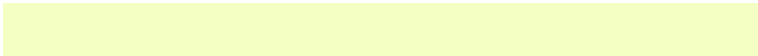
4294936042

Sweetspot

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



4289776946



4294246340



4291644978



4286152796



4278190080



4286611584

Same Dimension

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



4289776946



4292149015



4284730674



4284769884



4287079936



4280231424

Inverse Universe

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



4283380429



4282521599



4288426701



4284374118



4280221862



4278648870

Previews

White Background



This preview shows how the Android color 4289776946 looks on a white background.

Color Contrast Check

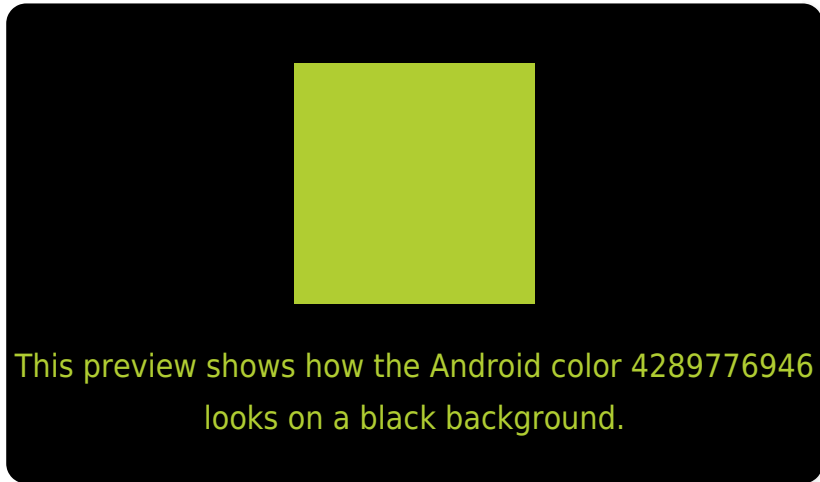
Large Text (above 18pt) WCAG AA × Fail

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 4289776946 Background



This preview shows how black text looks on a background with the Android color 4289776946.



This preview shows how white text looks on a background with the Android color 4289776946.

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
4289776946

Protanopia
4292395311

Deuteranopia
4294031164

Trichromacy



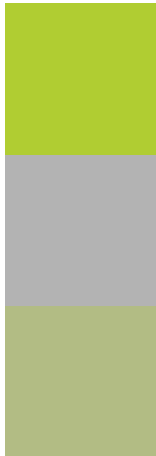
Original Color
4289776946

Protanomaly
4291413296

Deuteranomaly
4292460344

Tritanomaly
4290430101

Monochromacy



Original Color
4289776946

Achromatopsia
4289967027

Achromatomaly
4289903748

CSS Examples

Text

The CSS property to change the color of the text to Android 4289776946 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(176, 205, 50)` looks like.

```
.text, #text, p{  
    color:rgb(176, 205, 50)  
}
```

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(176, 205, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 205, 50) }
```

Border

The CSS property to change the border of an element to Android 4289776946 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(176, 205, 50) }
```

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

```
.border{ border-color:rgb(176, 205, 50) }
```

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

Here you see how a box with a 4 pixel rgb(176, 205, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 205, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 205, 50);  
box-shadow:4px 4px 4px 4px rgb(176, 205,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4289776946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 205, 50) }
```

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

```
.background{ background-color: rgb(176,  
205, 50) }
```

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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