

Converting Colors

Android(4289777769)

Have a look what the booklet for
Android(4289777769) contains.

Android(4289777769)	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(4289777769)

Conversions

Conversions Part 1

Format	Color
Hex	B0D069
RGB	176, 208, 105
RGB Percent	69%, 82%, 41%
CMY	0.3098, 0.1843, 0.5882
CMYK	0.15, 0.00, 0.50, 0.18
HSL	79°, 52%, 61%
HSV	79°, 50%, 82%
XYZ	43.0102, 55.3618, 21.7836
YIQ	186.6900, 13.9910, -38.8170

Conversions

Conversions Part 2

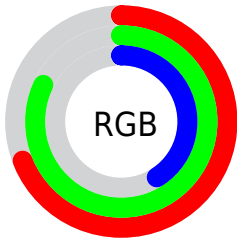
Format	Color
RYB	105, 208, 137
Decimal	11587689
CIELab	79.25, -26.69, 47.25
CIELCh	79, 54.267, 119.461
Yxy	55.3618, 0.3580, 0.4608
Android (android.graphics.Color)	4289777769 (0xFFB0D069)
YUV	186.6900, -40.2732, -9.3751
Hunter-Lab	74.4055, -27.0275, 34.7256

Details

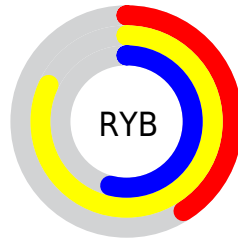
The Android color `4289777769` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4287195600`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4293525406`, and `4286159413` is the 20% darker color. If you saturate the color by 10%, you get `4289384532`, and if you desaturate by 10%, it is `4290171006`.

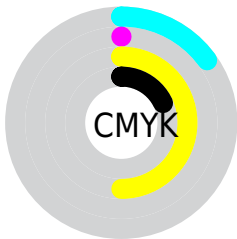
Distribution



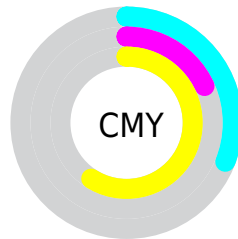
- Red (69%)
- Green (82%)
- Blue (41%)



- Red (41%)
- Yellow (82%)
- Blue (54%)



- Cyan (15%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289777769 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 4289777769 by changing the saturation by 10% instead.

 4289777769

 4289777769

4294967295

 4287935567

 4293525406

 4286159413

 4294967226

 4284448539

 4294967254

 4282738176

 4294967283

 4281093632

 4279252736

 4278198784

 4278190080

 4289777769

 4289777769

4289384532

4290171006

4288925759

4290629779

4288532523

4291023015

4288073750

4291481788

4287680513

4291875025

4287614976

4292333798

4292727035

4293185791

4293579007

Harmonies

Analogous

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



4293116252



4289777769



4285586063

Triad

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



428977769



4278245375



4294941383

Complementary

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



428977769



4287195600

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.



4294944248



4289777769



4285123327

Square

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



428977769



4278246900



4291213311



4294942613

Rectangle

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



428977769



4280999344



4291213311



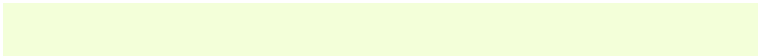
4294941912

Sweetspot

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



4289777769



4294180825



4291856489



4286087273



4278190080



4286611584

Same Dimension

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



4289777769



4291886953



4286500969



4284836190



4285835264



4280035584

Inverse Universe

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



4287195600



4288113151



4290472400



4284571241



4281598120



4279042089

Previews

White Background



This preview shows how the Android color 4289777769 looks on a white background.

Color Contrast Check

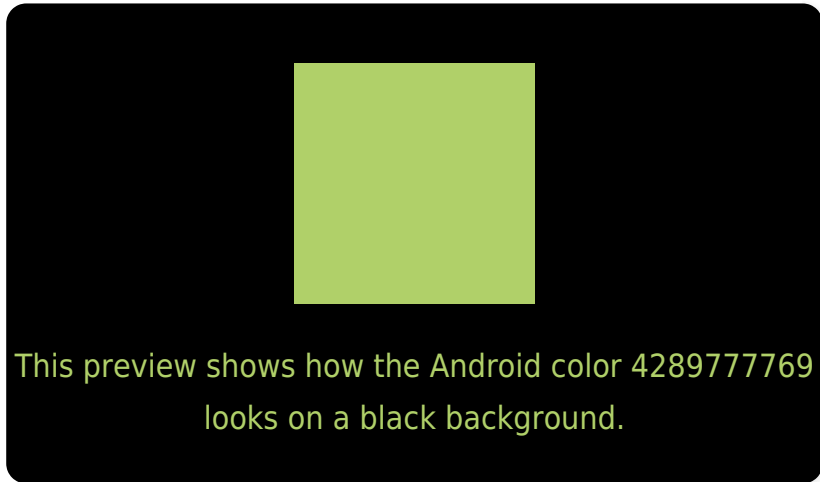
Large Text (above 18pt) WCAG AA × Fail

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 428977769 Background



This preview shows how black text looks on a background with the Android color 428977769.



This preview shows how white text looks on a background with the Android color 428977769.

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
4289777769

Protanopia
4292396133

Deuteranopia
4293901166

Trichromacy



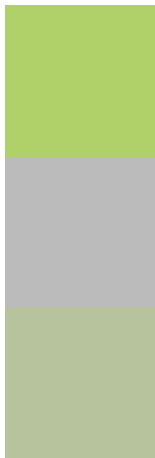
Original Color
4289777769

Protanomaly
4291414118

Deuteranomaly
4292395884

Tritanomaly
4290300077

Monochromacy



Original Color
4289777769

Achromatopsia
4290493371

Achromatomaly
4290233245

CSS Examples

Text

The CSS property to change the color of the text to Android 4289777769 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, 208, 105)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 105)  
}
```

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, 208, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 105) }
```

Border

The CSS property to change the border of an element to Android 4289777769 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, 208, 105) }
```

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

```
.border{ border-color:rgb(176, 208, 105) }
```

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

Here you see how a box with a 4 pixel rgb(176, 208, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 208, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 208, 105);  
box-shadow:4px 4px 4px 4px rgb(176, 208,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4289777769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 208, 105) }
```

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

```
.background{ background-color: rgb(176,  
208, 105) }
```

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