

Converting Colors

Android(4284984891)

Have a look what the booklet for
Android(4284984891) contains.

Android(4284984891)	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(4284984891)

Conversions

Conversions Part 1

Format	Color
Hex	67AE3B
RGB	103, 174, 59
RGB Percent	40%, 68%, 23%
CMY	0.5961, 0.3176, 0.7686
CMYK	0.41, 0.00, 0.66, 0.32
HSL	97°, 49%, 46%
HSV	97°, 66%, 68%
XYZ	21.5190, 33.4714, 9.4641
YIQ	139.6610, -5.4010, -50.8170

Conversions

Conversions Part 2

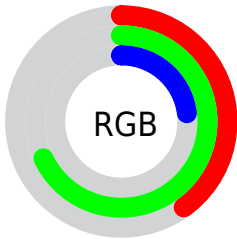
Format	Color
RYB	59, 174, 130
Decimal	6794811
CIELab	64.54, -42.42, 50.27
CIELCh	65, 65.775, 130.158
Yxy	33.4714, 0.3339, 0.5193
Android (android.graphics.Color)	4284984891 (0xFF67AE3B)
YUV	139.6610, -39.7659, -32.1517
Hunter-Lab	57.8545, -34.8523, 30.7992

Details

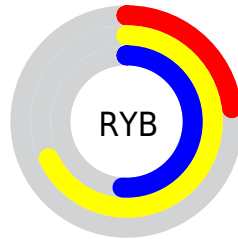
The Android color `4284984891` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4286725038`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4288669296`, and `4281301248` is the 20% darker color. If you saturate the color by 10%, you get `4284263978`, and if you desaturate by 10%, it is `4285705804`.

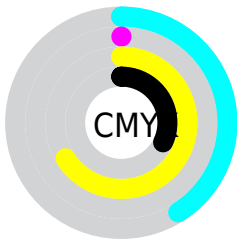
Distribution



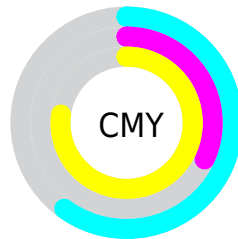
- Red (40%)
- Green (68%)
- Blue (23%)



- Red (23%)
- Yellow (68%)
- Blue (51%)



- Cyan (41%)
- Magenta (0%)
- Yellow (66%)
- Black (32%)



- Cyan (60%)
- Magenta (32%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284984891 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 4284984891 by changing the saturation by 10% instead.



4284984891



4284984891

4294967295



4283142943



4288669296



4281301248



4290510730



4278804224



4292411302



4278208256



4294311874



4278202368



4294967262



4278196480



4294967291



4278190080



4284984891



4284984891



4284263978



4285705804

■ 4283608600

■ 4286361182

■ 4282887687

■ 4287082095

■ 4282625536

■ 4287803009

■ 4288523922

■ 4289179299

■ 4289900213

■ 4290621126

■ 4291342040

Harmonies

Analogous

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



4289175571



4284984891



4278236786

Triad

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



4284984891



4278234879



4294927243

Complementary

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



4284984891



4286725038

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.



4294077382



4284984891



4282359295

Square

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



4284984891



4278236903



4290348279



4294734675

Rectangle

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



4284984891



4278237339



4290348279



4294927263

Sweetspot

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



4284984891



4291290038



4289626683



4284642135



4294111986



4285756275

Same Dimension

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



4284984891



4285850416



4282101320



4283520846



4282029568



4278785792

Inverse Universe

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



4286725038



4288557283



4289608609



4283649623



4284285078



4279107607

Previews

White Background



This preview shows how the Android color 4284984891 looks on a white background.

Color Contrast Check

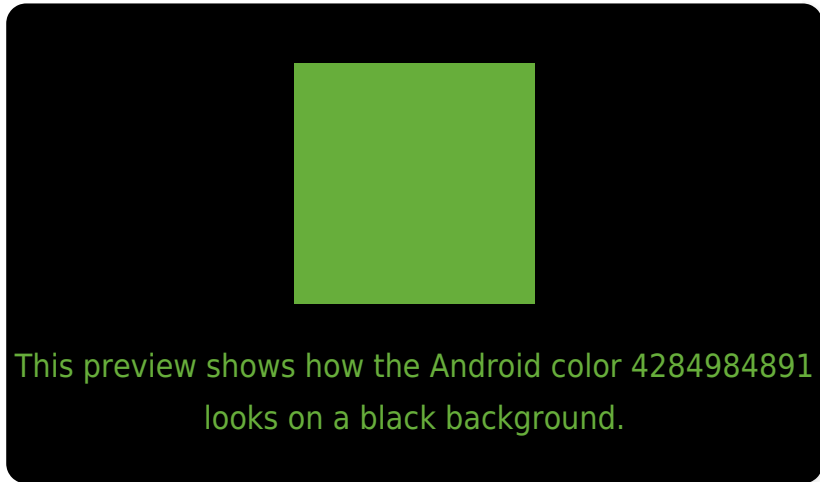
Large Text (above 18pt) WCAG AA × Fail

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 4284984891 Background



This preview shows how black text looks on a background with the Android color 4284984891.




This preview shows how white text looks on a background with the Android color 4284984891.

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
4286161840

Trichromacy



Original Color
4284984891



Protanomaly
4287931192



Deuteranomaly
4288716096



Tritanomaly
4285704069

Monochromacy



Original Color
4284984891



Achromatopsia
4287401100



Achromatomaly
4286552175

CSS Examples

Text

The CSS property to change the color of the text to Android 4284984891 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(103, 174, 59)` looks like.

```
.text, #text, p{  
    color:rgb(103, 174, 59)  
}
```

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(103, 174, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 174, 59) }
```

Border

The CSS property to change the border of an element to Android 4284984891 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(103, 174, 59) }
```

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

```
.border{ border-color:rgb(103, 174, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 174, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 174, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 174, 59);  
box-shadow:4px 4px 4px 4px rgb(103, 174,  
59) }
```

Background

The CSS property to change the background color of an element to Android 4284984891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 174, 59) }
```

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

```
.background{ background-color: rgb(103,  
174, 59) }
```

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