

Converting Colors

Android(4279874890)

Have a look what the booklet for
Android(4279874890) contains.

Android(4279874890)	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(4279874890)

Conversions

Conversions Part 1

Format	Color
Hex	19B54A
RGB	25, 181, 74
RGB Percent	10%, 71%, 29%
CMY	0.9020, 0.2902, 0.7098
CMYK	0.86, 0.00, 0.59, 0.29
HSL	139°, 76%, 40%
HSV	139°, 86%, 71%
XYZ	18.1608, 33.7488, 12.0356
YIQ	122.1580, -58.6290, -66.3490

Conversions

Conversions Part 2

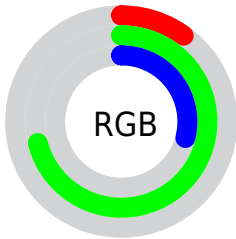
Format	Color
RYB	25, 144, 181
Decimal	1684810
CIELab	64.76, -60.13, 43.26
CIELCh	65, 74.076, 144.266
Yxy	33.7488, 0.2840, 0.5278
Android (android.graphics.Color)	4279874890 (0xFF19B54A)
YUV	122.1580, -23.7419, -85.2076
Hunter-Lab	58.0937, -45.8628, 28.3822

Details

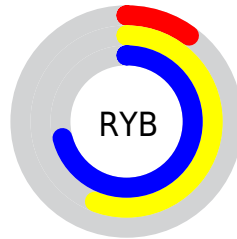
The Android color `4279874890` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290058628`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4284935806`, and `4278222357` is the 20% darker color. If you saturate the color by 10%, you get `4278695230`, and if you desaturate by 10%, it is `4281054550`.

Distribution



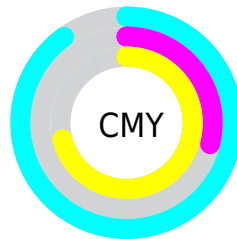
- Red (10%)
- Green (71%)
- Blue (29%)



- Red (10%)
- Yellow (56%)
- Blue (71%)



- Cyan (86%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)



- Cyan (90%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279874890 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 4279874890 by changing the saturation by 10% instead.

 4279874890

 4279874890

4294967295

 4278229297

 4284935806

 4278222357

 4286971801

 4278215680

 4288937908

 4278209280

 4290904016

 4278203392

 4292870125

 4278196480

4294901759

 4278190080

 4279874890

 4279874890

 4278695230

 4281054550

■ 4278236473

■ 4282234211

■ 4283413871

■ 4284593532

■ 4285838728

■ 4287018388

■ 4288198049

■ 4289377709

■ 4290557370

Harmonies

Analogous

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



4287146240



4279874890



4278237838

Triad

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



4279874890



4278233599



4294925931

Complementary

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



4279874890



4290058628

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.



4294924461



4279874890



4286681599

Square

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



4279874890



4278236927



4292899307



4294343214

Rectangle

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



4279874890



4278238140



4292899307



4294924416

Sweetspot

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



4279874890



4289653697



4287018265



4283528540



4294309365



4285887861

Same Dimension

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



4279874890



4278250314



4279874966



4283455827



4278229296



4278196744

Inverse Universe

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



4290058628



4293591201



4290058552



4284043350



4288217193



4279894033

Previews

White Background



This preview shows how the Android color 4279874890 looks on a white background.

Color Contrast Check

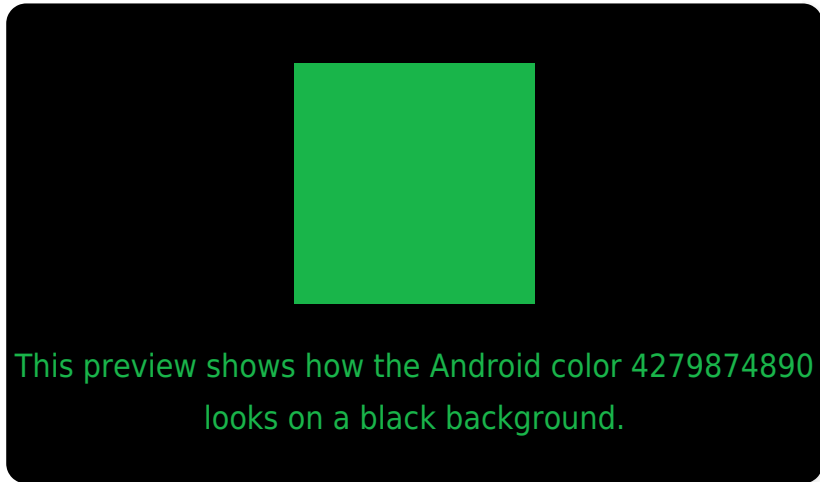
Large Text (above 18pt) WCAG AA × Fail

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 4279874890 Background



This preview shows how black text looks on a background with the Android color 4279874890.



This preview shows how white text looks on a background with the Android color 4279874890.

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



Trichromacy



Original Color

4279874890



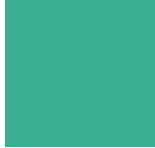
Protanomaly

4286031173



Deuteranomaly

4286816336



Tritanomaly

4281970320

Monochromacy



Original Color

4279874890



Achromatopsia

4286216826



Achromatomaly

4283928425

CSS Examples

Text

The CSS property to change the color of the text to Android 4279874890 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(25, 181, 74)` looks like.

```
.text, #text, p{  
    color:rgb(25, 181, 74)  
}
```

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(25, 181, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 181, 74) }
```

Border

The CSS property to change the border of an element to Android 4279874890 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(25, 181, 74) }
```

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

```
.border{ border-color:rgb(25, 181, 74) }
```

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

Here you see how a box with a 4 pixel rgb(25, 181, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 181, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 181, 74);  
box-shadow:4px 4px 4px 4px rgb(25, 181,  
74) }
```

Background

The CSS property to change the background color of an element to Android 4279874890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 181, 74) }
```

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

```
.background{ background-color: rgb(25, 181,  
74) }
```

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