

Converting Colors

Android(4279482690)

Have a look what the booklet for
Android(4279482690) contains.

Android(4279482690)	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(4279482690)

Conversions

Conversions Part 1

Format	Color
Hex	13B942
RGB	19, 185, 66
RGB Percent	7%, 73%, 26%
CMY	0.9255, 0.2745, 0.7412
CMYK	0.90, 0.00, 0.64, 0.27
HSL	137°, 81%, 40%
HSV	137°, 90%, 73%
XYZ	18.6009, 35.2297, 10.9739
YIQ	121.8000, -60.7370, -72.2010

Conversions

Conversions Part 2

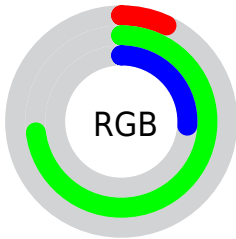
Format	Color
RYB	19, 148, 185
Decimal	1292610
CIELab	65.93, -62.84, 48.18
CIELCh	66, 79.186, 142.524
Yxy	35.2297, 0.2870, 0.5436
Android (android.graphics.Color)	4279482690 (0xFF13B942)
YUV	121.8000, -27.5094, -90.1556
Hunter-Lab	59.3546, -47.9313, 30.5863

Details

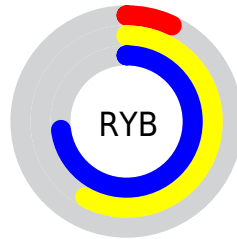
The Android color `4279482690` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290319242`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4284871286`, and `4278223365` is the 20% darker color. If you saturate the color by 10%, you get `4278237493`, and if you desaturate by 10%, it is `4280662351`.

Distribution



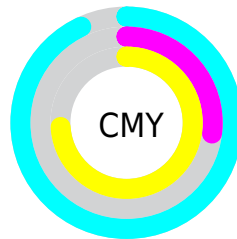
- Red (7%)
- Green (73%)
- Blue (26%)



- Red (7%)
- Yellow (58%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (64%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279482690 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 4279482690 by changing the saturation by 10% instead.

 4279482690

 4279482690

4294967295

 4278230311

 4284871286

 4278223365

 4286971793

 4278216704

 4288937901

 4278210048

 4290904009

 4278204160

 4292935654

 4278197504

 4278190080

 4279482690

 4279482690

 4278237493

 4280662351

■ 4278237492

■ 4281907549

■ 4283087210

■ 4284332407

■ 4285512068

■ 4286757266

■ 4287936927

■ 4289182124

■ 4290427321

Harmonies

Analogous

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



4287474688



4279482690



4278239115

Triad

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



4279482690



4278234879



4294924398

Complementary

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



4279482690



4290319242

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.



4294923445



4279482690



4285896191

Square

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



4279482690



4278238463



4293096184



4294932524

Rectangle

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



4279482690



4278239421



4293096184



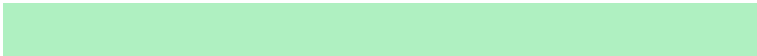
4294922886

Sweetspot

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



4279482690



4289720513



4287478035



4283529308



4294440951



4286085240

Same Dimension

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



4279482690



4278251588



4279482770



4283653205



4278230060



4278197256

Inverse Universe

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



4290319242



4293918892



4290319162



4284240729



4288413808



4280025108

Previews

White Background



This preview shows how the Android color 4279482690 looks on a white background.

Color Contrast Check

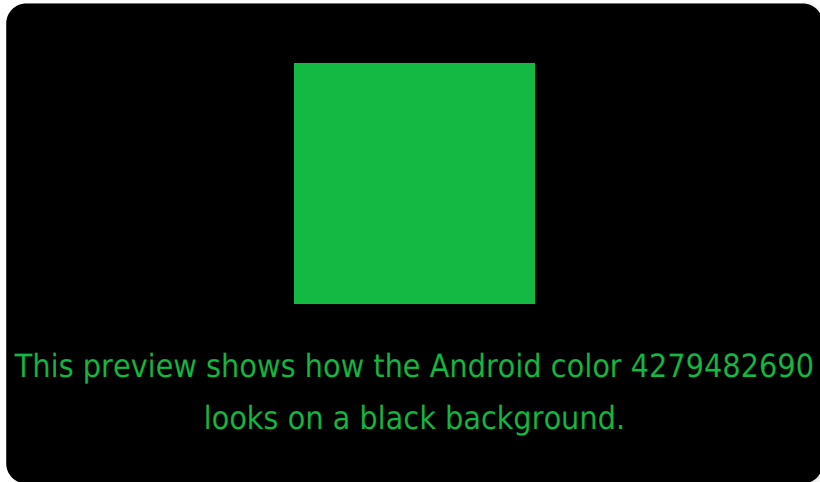
Large Text (above 18pt) WCAG AA × Fail

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 4279482690 Background



This preview shows how black text looks on a background with the Android color 4279482690.



This preview shows how white text looks on a background with the Android color 4279482690.

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
4279482690

Protanopia
4289830715

Deuteranopia
4291073868

Trichromacy



Original Color

4279482690



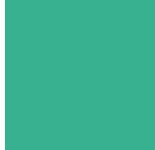
Protanomaly

4286097470



Deuteranomaly

4286882632



Tritanomaly

4281840015

Monochromacy



Original Color

4279482690



Achromatopsia

4286216826



Achromatomaly

4283797862

CSS Examples

Text

The CSS property to change the color of the text to Android 4279482690 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(19, 185, 66)` looks like.

```
.text, #text, p{  
    color:rgb(19, 185, 66)  
}
```

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(19, 185, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 185, 66) }
```

Border

The CSS property to change the border of an element to Android 4279482690 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(19, 185, 66) }
```

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

```
.border{ border-color:rgb(19, 185, 66) }
```

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

Here you see how a box with a 4 pixel rgb(19, 185, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 185, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 185, 66);  
box-shadow:4px 4px 4px 4px rgb(19, 185,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4279482690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 185, 66) }
```

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

```
.background{ background-color: rgb(19, 185,  
66) }
```

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