

Converting Colors

Android(4279097152)

Have a look what the booklet for
Android(4279097152) contains.

Android(4279097152)	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(4279097152)

Conversions

Conversions Part 1

Format	Color
Hex	0DD740
RGB	13, 215, 64
RGB Percent	5%, 84%, 25%
CMY	0.9490, 0.1569, 0.7490
CMYK	0.94, 0.00, 0.70, 0.16
HSL	135°, 89%, 45%
HSV	135°, 94%, 84%
XYZ	25.3918, 49.0566, 12.9811
YIQ	137.3880, -71.9210, -89.7850

Conversions

Conversions Part 2

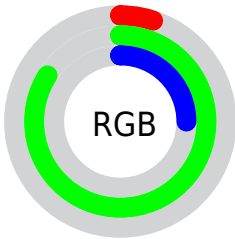
Format	Color
RYB	13, 174, 215
Decimal	907072
CIELab	75.49, -72.31, 59.30
CIElCh	75, 93.520, 140.647
Yxy	49.0566, 0.2904, 0.5611
Android (android.graphics.Color)	4279097152 (0xFF0DD740)
YUV	137.3880, -36.1803, -109.0883
Hunter-Lab	70.0404, -57.8589, 38.0397

Details

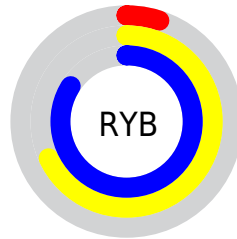
The Android color `4279097152` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292283812`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285398903`, and `4278230528` is the 20% darker color. If you saturate the color by 10%, you get `4278245174`, and if you desaturate by 10%, it is `4280538960`.

Distribution



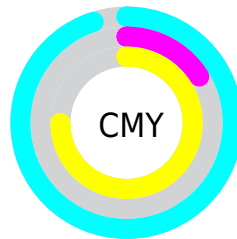
- Red (5%)
- Green (84%)
- Blue (25%)



- Red (5%)
- Yellow (68%)
- Blue (84%)



- Cyan (94%)
- Magenta (0%)
- Yellow (70%)
- Black (16%)



- Cyan (95%)
- Magenta (16%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279097152 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 4279097152 by changing the saturation by 10% instead.

 4279097152

 4279097152

4294967295

 4278237729

 4285398903


 4278230528

 4287561619

 4278223616

 4289658799

 4278216704

 4291690444

 4278210048

 4293722089

 4278203904

 4278197248

 4278190080

 4279097152

 4279097152

■ 4278245174

■ 4280538960

■ 4281915232

■ 4283357040

■ 4284733312

■ 4286175120

■ 4287551392

■ 4288993201

■ 4290369473

■ 4291811281

Harmonies

Analogous

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



4289185792



4279097152



4278247067

Triad

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



4279097152



4278242559



4294925443

Complementary

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



4279097152



4292283812

Split Complementary

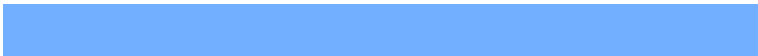
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294924761



4279097152



4285706239

Square

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



4279097152



4278246399



4294935807



4294935856

Rectangle

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



4279097152



4278247639



4294935807



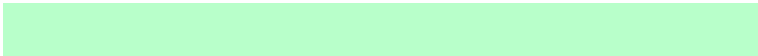
4294923423

Sweetspot

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



4279097152



4290314186



4289058573



4283727967



4278190080



4286611584

Same Dimension

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



4279097152



4278255424



4279097253



4284509027



4278233899



4278201099

Inverse Universe

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



4292283812



4294901951



4292283712



4285227112



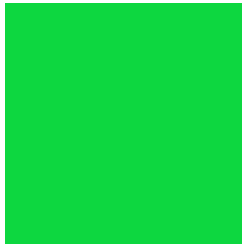
4289396864



4281008160

Previews

White Background



This preview shows how the Android color 4279097152 looks on a white background.

Color Contrast Check

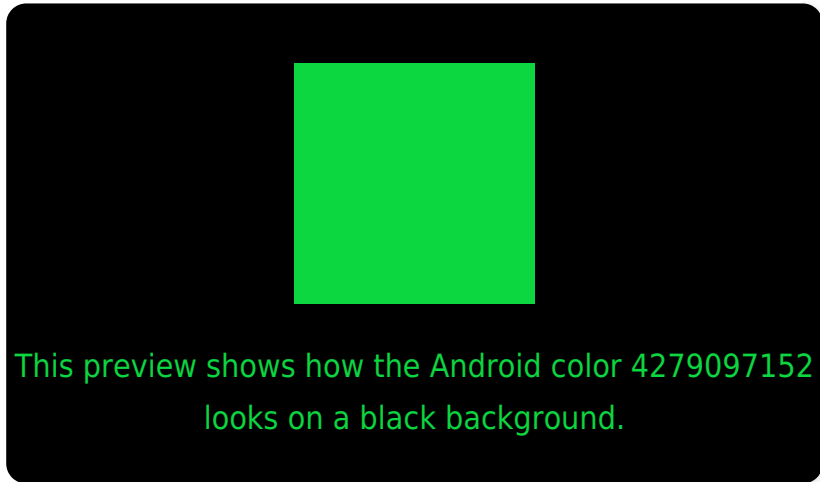
Large Text (above 18pt) WCAG AA × Fail

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 4279097152 Background



This preview shows how black text looks on a background with the Android color 4279097152.



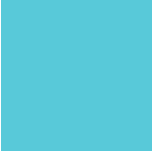
This preview shows how white text looks on a background with the Android color 4279097152.

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
4284008921

Trichromacy



Original Color

4279097152



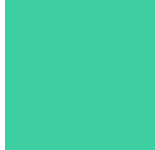
Protanomaly

4287153211



Deuteranomaly

4288069193



Tritanomaly

4282240673

Monochromacy



Original Color

4279097152



Achromatopsia

4287203721



Achromatomaly

4284261742

CSS Examples

Text

The CSS property to change the color of the text to Android 4279097152 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(13, 215, 64)` looks like.

```
.text, #text, p{  
    color:rgb(13, 215, 64)  
}
```

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(13, 215, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 215, 64) }
```

Border

The CSS property to change the border of an element to Android 4279097152 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(13, 215, 64) }
```

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

```
.border{ border-color:rgb(13, 215, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 215, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 215, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 215, 64);  
box-shadow:4px 4px 4px 4px rgb(13, 215,  
64) }
```

Background

The CSS property to change the background color of an element to Android 4279097152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 215, 64) }
```

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

```
.background{ background-color: rgb(13, 215,  
64) }
```

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