

Converting Colors

Android(4279624029)

Have a look what the booklet for
Android(4279624029) contains.

Android(4279624029)	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(4279624029)

Conversions

Conversions Part 1

Format	Color
Hex	15E15D
RGB	21, 225, 93
RGB Percent	8%, 88%, 36%
CMY	0.9176, 0.1176, 0.6353
CMYK	0.91, 0.00, 0.59, 0.12
HSL	141°, 83%, 48%
HSV	141°, 91%, 88%
XYZ	29.2103, 54.8002, 19.3939
YIQ	148.9560, -79.2120, -84.3000

Conversions

Conversions Part 2

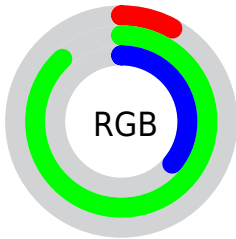
Format	Color
RYB	21, 172, 225
Decimal	1433949
CIELab	78.93, -71.75, 51.14
CIElCh	79, 88.104, 144.521
Yxy	54.8002, 0.2825, 0.5300
Android (android.graphics.Color)	4279624029 (0xFF15E15D)
YUV	148.9560, -27.5863, -112.2174
Hunter-Lab	74.0271, -59.1134, 36.2860

Details

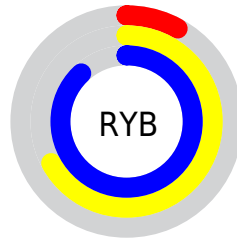
The Android color `4279624029` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292941209`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4285595539`, and `4278233127` is the 20% darker color. If you saturate the color by 10%, you get `4278247759`, and if you desaturate by 10%, it is `4281131372`.

Distribution



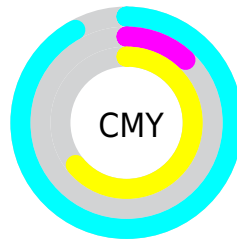
- Red (8%)
- Green (88%)
- Blue (36%)



- Red (8%)
- Yellow (67%)
- Blue (88%)



- Cyan (91%)
- Magenta (0%)
- Yellow (59%)
- Black (12%)



- Cyan (92%)
- Magenta (12%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279624029 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 4279624029 by changing the saturation by 10% instead.

 4279624029

 4279624029

4294967295

 4278240322

 4285595539


 4278233127

 4287758254

 4278225921


 4289855435

 4278219008

 4291952615

 4278212352

 4293984255

 4278205952


 4278199552

 4278190080

 4279624029

 4279624029

 4278247759

 4281131372

 4282573178

 4284080521

 4285522327

 4287029670

 4288471476

 4289978819

 4291420625

 4292927968

Harmonies

Analogous

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



4289254144



4279624029



4278249649

Triad

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



4279624029



4278244095



4294931845

Complementary

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



4279624029



4292941209

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.



4294929878



4279624029



4288787711

Square

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



4279624029



4278248191



4294938111



4294940729

Rectangle

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



4279624029



4278249962



4294938111



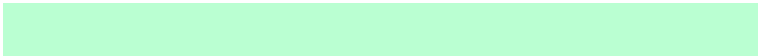
4294929823

Sweetspot

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



4279624029



4290445266



4288340245



4283924581



4278190080



4286611584

Same Dimension

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



4279624029



4278255450



4279624130



4284837993



4278235198



4278202385

Inverse Universe

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



4292941209



4294901925



4292941108



4285556076



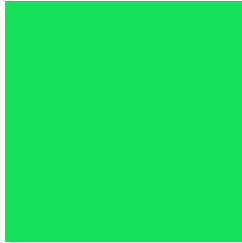
4289724530



4281335839

Previews

White Background



This preview shows how the Android color 4279624029 looks on a white background.

Color Contrast Check

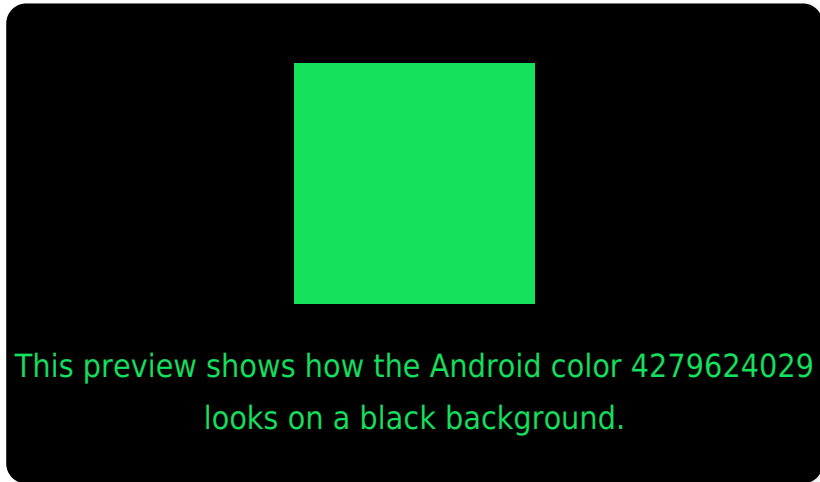
Large Text (above 18pt) WCAG AA × Fail

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 4279624029 Background



This preview shows how black text looks on a background with the Android color 4279624029.



This preview shows how white text looks on a background with the Android color 4279624029.

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

4279624029



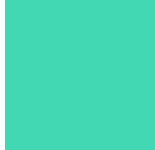
Protanomaly

4287679831



Deuteranomaly

4288595812



Tritanomaly

4282570931

Monochromacy



Original Color

4279624029



Achromatopsia

4287993237



Achromatomaly

4284920193

CSS Examples

Text

The CSS property to change the color of the text to Android 4279624029 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(21, 225, 93)` looks like.

```
.text, #text, p{  
    color:rgb(21, 225, 93)  
}
```

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(21, 225, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 225, 93) }
```

Border

The CSS property to change the border of an element to Android 4279624029 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(21, 225, 93) }
```

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

```
.border{ border-color:rgb(21, 225, 93) }
```

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

Here you see how a box with a 4 pixel rgb(21, 225, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 225, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 225, 93);  
box-shadow:4px 4px 4px 4px rgb(21, 225,  
93) }
```

Background

The CSS property to change the background color of an element to Android 4279624029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 225, 93) }
```

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

```
.background{ background-color: rgb(21, 225,  
93) }
```

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