

Converting Colors

Android(4280934510)

Have a look what the booklet for
Android(4280934510) contains.

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Color

Android(4280934510)

Conversions

Conversions Part 1

Format	Color
Hex	29E06E
RGB	41, 224, 110
RGB Percent	16%, 88%, 43%
CMY	0.8392, 0.1216, 0.5686
CMYK	0.82, 0.00, 0.51, 0.12
HSL	143°, 75%, 52%
HSV	143°, 82%, 88%
XYZ	30.3846, 54.9085, 23.7488
YIQ	156.2870, -72.4740, -74.2500

Conversions

Conversions Part 2

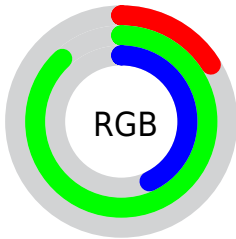
Format	Color
RYB	41, 174, 224
Decimal	2744430
CIELab	78.99, -67.55, 43.38
CIELCh	79, 80.283, 147.291
Yxy	54.9085, 0.2787, 0.5036
Android (android.graphics.Color)	4280934510 (0xFF29E06E)
YUV	156.2870, -22.8195, -101.1067
Hunter-Lab	74.1003, -56.4821, 32.8680

Details

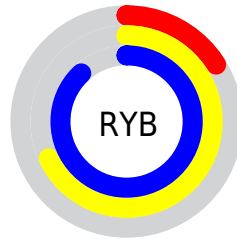
The Android color **4280934510** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **4292880795**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4286054308**, and **4278232891** is the 20% darker color. If you saturate the color by 10%, you get **4279492704**, and if you desaturate by 10%, it is **4282376316**.

Distribution



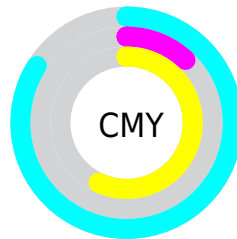
- Red (16%)
- Green (88%)
- Blue (43%)



- Red (16%)
- Yellow (68%)
- Blue (88%)



- Cyan (82%)
- Magenta (0%)
- Yellow (51%)
- Black (12%)



- Cyan (84%)
- Magenta (12%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280934510 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 4280934510 by changing the saturation by 10% instead.

 4280934510

 4280934510

4294967295

 4278240084

 4286054308

 4278232891

 4288151487

 4278225952

 4290183132

 4278219008

 4292214777

 4278212352

 4294246399

 4278205952

 4278199552

 4278190080

 4280934510

 4280934510

 4279492704

 4282376316

 4278247508


 4283883658

 4285325464

 4286832806

 4288274612

 4289716418

 4291223760

 4292665566

 4294172908

Harmonies

Analogous

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



4289057578



4280934510



4278249146

Triad

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



4280934510



4278243071



4294935172

Complementary

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



4280934510



4292880795

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.



4294932942



4280934510



4290098175

Square

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



4280934510



4278247423



4294938879



4294942787

Rectangle

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



4280934510



4278249454



4294938879



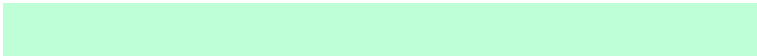
4294933404

Sweetspot

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



4280934510



4290772951



4288536617



4284055656



4278190080



4286611584

Same Dimension

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



4280934510



4278583139



4280934600



4284837993



4278235202



4278202386

Inverse Universe

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



4292880795



4294903201



4292880705



4285556076



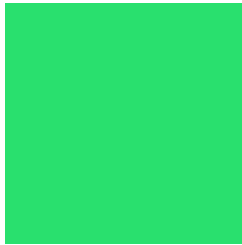
4289724526



4281335838

Previews

White Background



This preview shows how the Android color 4280934510 looks on a white background.

Color Contrast Check

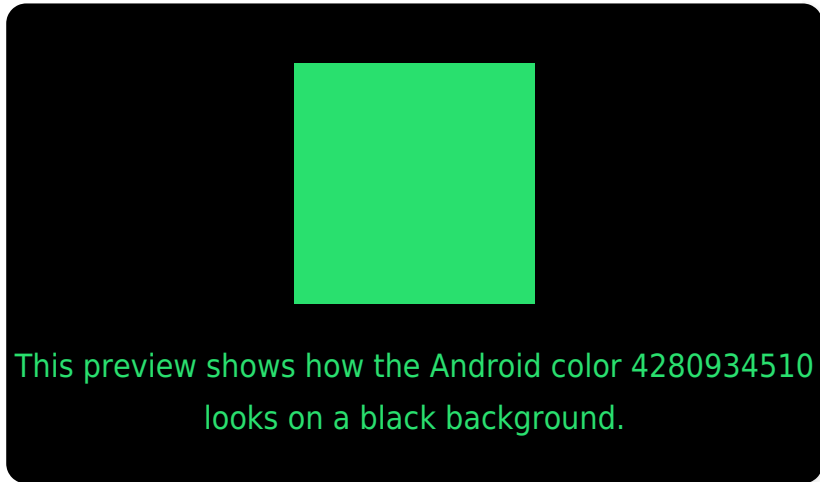
Large Text (above 18pt) WCAG AA × Fail

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 4280934510 Background



This preview shows how black text looks on a background with the Android color 4280934510.

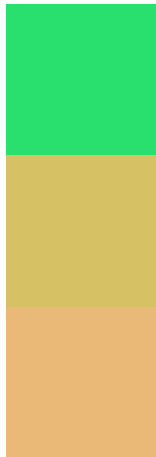


This preview shows how white text looks on a background with the Android color 4280934510.

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
4280934510

Protanopia
4292264548

Deuteranopia
4293572984



Tritanopia
4284339172

Trichromacy



Original Color

4280934510



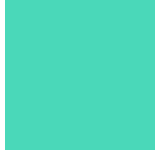
Protanomaly

4288138600



Deuteranomaly

4288989044



Tritanomaly

4283095225

Monochromacy



Original Color

4280934510



Achromatopsia

4288453788



Achromatomaly

4285707659

CSS Examples

Text

The CSS property to change the color of the text to Android 4280934510 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(41, 224, 110)` looks like.

```
.text, #text, p{  
    color:rgb(41, 224, 110)  
}
```

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(41, 224, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 224, 110) }
```

Border

The CSS property to change the border of an element to Android 4280934510 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(41, 224, 110) }
```

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

```
.border{ border-color:rgb(41, 224, 110) }
```

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

Here you see how a box with a 4 pixel rgb(41, 224, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 224, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 224, 110);  
box-shadow:4px 4px 4px 4px rgb(41, 224,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4280934510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 224, 110) }
```

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

```
.background{ background-color: rgb(41, 224,  
110) }
```

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](#).

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