

Converting Colors

Android(4280737910)

Have a look what the booklet for
Android(4280737910) contains.

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Color

Android(4280737910)

Conversions

Conversions Part 1

Format	Color
Hex	26E076
RGB	38, 224, 118
RGB Percent	15%, 88%, 46%
CMY	0.8510, 0.1216, 0.5373
CMYK	0.83, 0.00, 0.47, 0.12
HSL	146°, 75%, 51%
HSV	146°, 83%, 88%
XYZ	30.7250, 55.0314, 26.1423
YIQ	156.3020, -76.8300, -72.3980

Conversions

Conversions Part 2

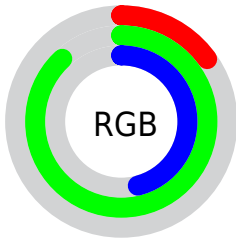
Format	Color
R_{YB}	38, 168, 224
Decimal	2547830
CIE _{Lab}	79.06, -66.59, 39.59
CIE _{LCh}	79, 77.466, 149.266
Yxy	55.0314, 0.2746, 0.4918
Android (android.graphics.Color)	4280737910 (0xFF26E076)
YUV	156.3020, -18.8829, -103.7509
Hunter-Lab	74.1831, -55.8898, 31.0343




Details

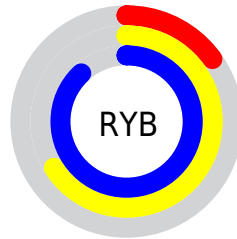
The Android color `4280737910` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292880016`, and the grayscale version is `4288519581`.




A 20% lighter version of the original color is `4285923244`, and `4278232899` is the 20% darker color. If you saturate the color by 10%, you get `4279296105`, and if you desaturate by 10%, it is `4282179715`.

Distribution







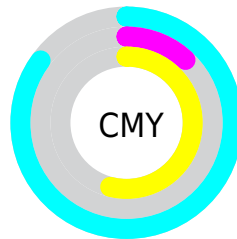
-  Red (15%)
-  Green (88%)
-  Blue (46%)






-  Red (15%)
-  Yellow (66%)
-  Blue (88%)



-  Cyan (83%)
-  Magenta (0%)
-  Yellow (47%)
-  Black (12%)



-  Cyan (85%)
-  Magenta (12%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280737910 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 4280737910 by changing the saturation by 10% instead.

 4280737910

 4280737910

4294967295

 4278240092

 4285923244

 4278232899

 4288020423

 4278225962

 4290117604

 4278219023

 4292149247

 4278212352

 4294180863

 4278205952

 4278199552

 4278190080

 4280737910

 4280737910

 4279296105

 4282179715

 4278247520

 4283687056

 4285128860

 4286636201

 4288078006

 4289519811

 4291027151

 4292468956

 4293976297

Harmonies

Analogous

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



4288861239



4280737910



4278248896

Triad

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



4280737910



4278242815



4294936450

Complementary

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



4280737910



4292880016

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.



4294933961



4280737910



4290753023

Square

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



4280737910



4278247167



4294939135



4294943813

Rectangle

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



4280737910



4278249201



4294939135



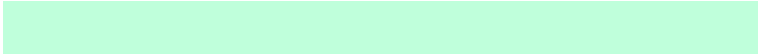
4294934937

Sweetspot

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



4280737910



4290772955



4287881254



4284055658



4278190080



4286611584

Same Dimension

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



4280737910



4278255470



4280738000



4284837994



4278235212



4278202389

Inverse Universe

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



4292880016



4294901905



4292879925



4285556075



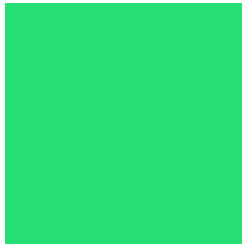
4289724516



4281335836

Previews

White Background



This preview shows how the Android color 4280737910 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



This preview shows how the Android color 4280737910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

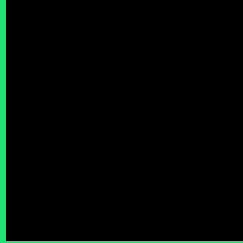
Any Text WCAG AA ✓ Pass

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 4280737910 Background



This preview shows how black text looks on a background with the Android color 4280737910.



This preview shows how white text looks on a background with the Android color 4280737910.

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

4280737910



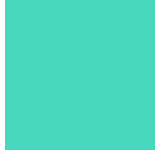
Protanomaly

4288007535



Deuteranomaly

4288857980



Tritanomaly

4282964157

Monochromacy



Original Color

4280737910



Achromatopsia

4288453788



Achromatomaly

4285642126

CSS Examples

Text

The CSS property to change the color of the text to Android 4280737910 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(38, 224, 118)` looks like.

```
.text, #text, p{  
    color:rgb(38, 224, 118)  
}
```

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(38, 224, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 224, 118) }
```

Border

The CSS property to change the border of an element to Android 4280737910 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(38, 224, 118) }
```

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

```
.border{ border-color:rgb(38, 224, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 224, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 224, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 224, 118);  
box-shadow:4px 4px 4px 4px rgb(38, 224,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4280737910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 224, 118) }
```

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

```
.background{ background-color: rgb(38, 224,  
118) }
```

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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