

Converting Colors

Android(4280876912)

Have a look what the booklet for
Android(4280876912) contains.

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Color

Android(4280876912)

Conversions

Conversions Part 1

Format	Color
Hex	28FF70
RGB	40, 255, 112
RGB Percent	16%, 100%, 44%
CMY	0.8431, 0.0000, 0.5608
CMYK	0.84, 0.00, 0.56, 0.00
HSL	140°, 100%, 58%
HSV	140°, 84%, 100%
XYZ	39.5597, 73.1410, 27.3618
YIQ	174.4130, -82.2370, -90.0530

Conversions

Conversions Part 2

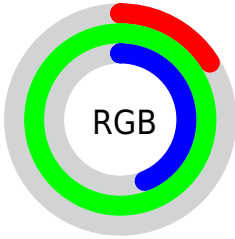
Format	Color
RYB	40, 201, 255
Decimal	2686832
CIELab	88.51, -77.18, 53.99
CIELCh	89, 94.189, 145.027
Yxy	73.1410, 0.2824, 0.5222
Android (android.graphics.Color)	4280876912 (0xFF28FF70)
YUV	174.4130, -30.7696, -117.8802
Hunter-Lab	85.5225, -67.0965, 40.8967

Details

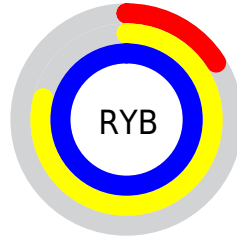
The Android color `4280876912` is a dark color, and the websafe version is hex `33FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294912183`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4286513063`, and `4278240570` is the 20% darker color. If you saturate the color by 10%, you get `4279238495`, and if you desaturate by 10%, it is `4282580865`.

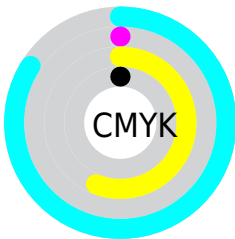
Distribution



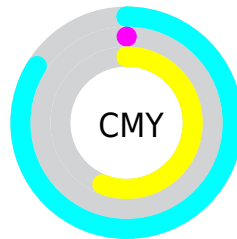
- Red (16%)
- Green (100%)
- Blue (44%)



- Red (16%)
- Yellow (79%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280876912 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 4280876912 by changing the saturation by 10% instead.



4280876912



4280876912

4294967295



4278247765



4286513063



4278240570



4288741315



4278233116



4290838496



4278225920



4292935677



4278219008



4278212352



4278205952



4278199296



4278190080

■ 4280876912

■ 4280876912

■ 4279238495

■ 4282580865

■ 4278255445

■ 4284219282

■ 4285923235

■ 4287561652

■ 4289265605

■ 4290904022

■ 4292607975

■ 4294246392

4294967295

Harmonies

Analogous

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



4290834186



4280876912



4278255564

Triad

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



4280876912



4278251007



4294937240

Complementary

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



4280876912



4294912183

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.



4294935281



4280876912



4290629119

Square

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



4280876912



4278255615



4294943487



4294946887

Rectangle

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



4280876912



4278255615



4294943487



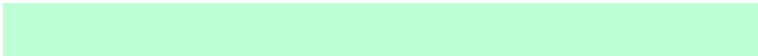
4294935221

Sweetspot

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



4280876912



4290772949



4290248488



4284055654



4278190080



4286611584

Same Dimension

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



4280876912



4278255445



4280877019



4285759607



4278239040



4278206485

Inverse Universe

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



4294912183



4294901930



4294912076



4286608251



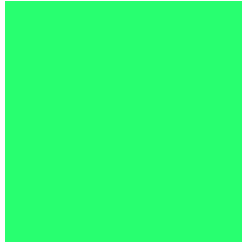
4290707583



4282384426

Previews

White Background



This preview shows how the Android color 4280876912 looks on a white background.

Color Contrast Check

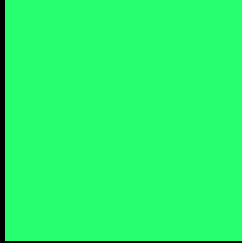
Large Text (above 18pt) WCAG AA × Fail

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 4280876912 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 4280876912 Background



This preview shows how black text looks on a background with the Android color 4280876912.

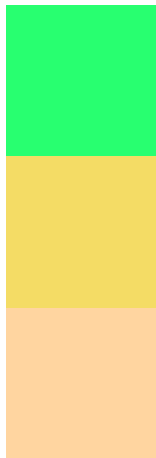


This preview shows how white text looks on a background with the Android color 4280876912.

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](#).

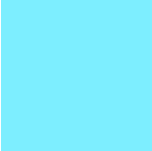
Dichromacy



Original Color
4280876912

Protanopia
4294237285

Deuteranopia
4294956448



Tritanopia
4286443263

Trichromacy



Original Color

4280876912



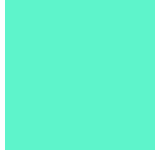
Protanomaly

4289390953



Deuteranomaly

4289848463



Tritanomaly

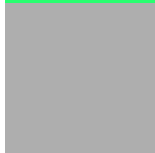
4284413131

Monochromacy



Original Color

4280876912



Achromatopsia

4289638062



Achromatomaly

4286434199

CSS Examples

Text

The CSS property to change the color of the text to Android 4280876912 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(40, 255, 112)` looks like.

```
.text, #text, p{  
    color:rgb(40, 255, 112)  
}
```

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(40, 255, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 255, 112) }
```

Border

The CSS property to change the border of an element to Android 4280876912 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(40, 255, 112) }
```

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

```
.border{ border-color:rgb(40, 255, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 255, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 255, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 255, 112);  
box-shadow:4px 4px 4px 4px rgb(40, 255,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4280876912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 255, 112) }
```

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

```
.background{ background-color: rgb(40, 255,  
112) }
```

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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