Converting Colors

Android(4280287090)

Have a look what the booklet for Android(4280287090) contains.

Color

Android(4280287090)

Conversions

Conversions Part 1

Format	Color
Hex	1FFF72
RGB	31, 255, 114
RGB Percent	12%, 100%, 45%
CMY	0.8784, 0.0000, 0.5529
CMYK	0.88, 0.00, 0.55, 0.00
HSL	142°, 100%, 56%
HSV	142°, 88%, 100%
XYZ	39.3623, 73.0262, 27.9405
YIQ	171.9500, -88.2430, -91.3390

Conversions

Conversions Part 2

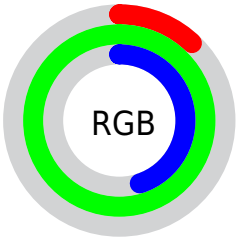
Format	Color
RYB	31, 194, 255
Decimal	2097010
CIELab	88.46, -77.57, 53.01
CIELCh	88, 93.951, 145.650
Yxy	73.0262, 0.2805, 0.5204
Android (android.graphics.Color)	4280287090 (0xFF1FFF72)
YUV	171.9500, -28.5694, -123.6132
Hunter-Lab	85.4554, -67.3265, 40.4333

Details

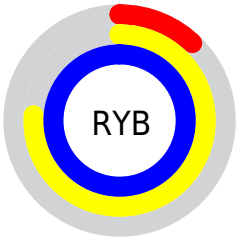
The Android color 4280287090 is a dark color, and the websafe version is hex 33FF66. The color can be described as dark washed spring green. A complement of this color would be 4294909868, and the grayscale version is 4289506476.

A 20% lighter version of the original color is 4286316457, and 4278240572 is the 20% darker color. If you saturate the color by 10%, you get 4278648674, and if you desaturate by 10%, it is 4281991042.

Distribution

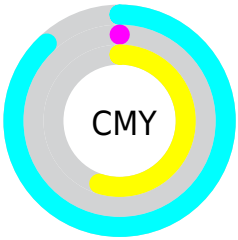


- Red (12%)
- Green (100%)
- Blue (45%)



- Red (12%)
- Yellow (76%)
- Blue (100%)

- Cyan (88%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (88%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280287090 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 4280287090 by changing the saturation by 10% instead.

4280287090

4294967295

4286316457

4288544709

4290641890

4292804607

4294901759

4280287090

4278247767

4278240572

4278233119

4278225920

4278219008

4278212352

4278205952

4278199296

4278190080

4280287090

4278648674

4278255454

4280287090

4281991042

4283629458

4285267874

4286971826

4288675778

4290314194

4292018146

4293656562

4294967295

Harmonies

Analogous

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

4290637840

4280287090

4278255566

Triad

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

4280287090

4278251007

4294937494

Complementary

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

4280287090

4294909868

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.

4294935023

4280287090

4290891007

Square

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

4280287090

4278255615

4294943231

4294946885

Rectangle

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

4280287090

4278255615

4294943231

4294935475

Sweetspot

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

4280287090

4290641877

4289593119

4283990119

4278190080

4286611584

Same Dimension

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

4280287090

4278255454

4280287201

4285759607

4278239047

4278206488

Inverse Universe

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

4294909868

4294901921

4294909757

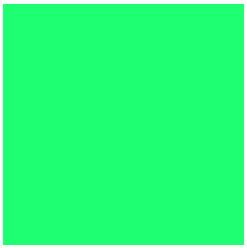
4286608251

4290707576

4282384424

Previews

White Background

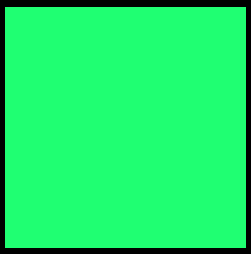


This preview shows how the Android color 4280287090 looks on a white background.

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 4280287090 looks on a black background.

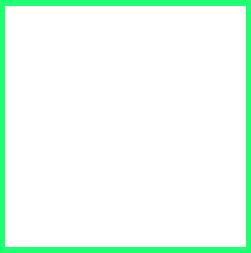
Color Contrast Check

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 4280287090 Background

This preview shows how black text looks on a background with the Android color 4280287090.



This preview shows how white text looks on a background with the Android color 4280287090.

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

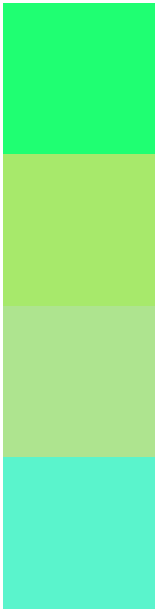
Original Color
4280287090

Protanopia
4294237287

Deuteranopia
4294956448

Tritanopia
4286377727

Trichromacy



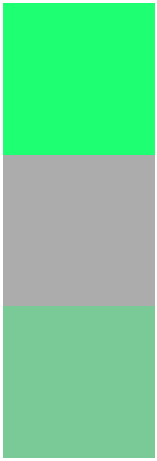
Original Color
4280287090

Protanomaly
4289194347

Deuteranomaly
4289651855

Tritanomaly
4284150988

Monochromacy



Original Color
4280287090

Achromatopsia
4289506476

Achromatomaly
4286171799

CSS Examples

Text

The CSS property to change the color of the text to Android 4280287090 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(31, 255, 114) looks like.

```
.text, #text, p{
    color:rgb(31, 255, 114)
}
```

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(31, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 255, 114) }
```

Border

The CSS property to change the border of an element to Android 4280287090 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(31, 255, 114) }
```

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

```
.border{ border-color:rgb(31, 255, 114) }
```

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

Here you see how a box with a 4 pixel rgb(31, 255, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(31, 255, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(31, 255, 114); box-shadow:4px 4px 4px 4px rgb(31, 255, 114) }
```

Background

The CSS property to change the background color of an element to Android 4280287090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(31, 255, 114) }
```

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

```
.background{ background-color:rgb(31, 255,
114) }
```

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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