

Converting Colors

Android(4281270095)

Have a look what the booklet for
Android(4281270095) contains.

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Color

Android(4281270095)

Conversions

Conversions Part 1

Format	Color
Hex	2EFF4F
RGB	46, 255, 79
RGB Percent	18%, 100%, 31%
CMY	0.8196, 0.0000, 0.6902
CMYK	0.82, 0.00, 0.69, 0.00
HSL	129°, 100%, 59%
HSV	129°, 82%, 100%
XYZ	38.2980, 72.6654, 19.4044
YIQ	172.4450, -68.0680, -99.0440

Conversions

Conversions Part 2

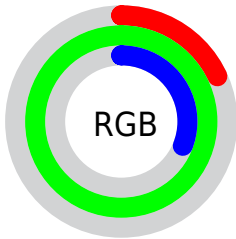
Format	Color
RYB	46, 227, 255
Decimal	3080015
CIELab	88.29, -80.21, 67.26
CIELCh	88, 104.679, 140.021
Yxy	72.6654, 0.2938, 0.5574
Android (android.graphics.Color)	4281270095 (0xFF2EFF4F)
YUV	172.4450, -46.0684, -110.8923
Hunter-Lab	85.2440, -68.9814, 46.1744

Details

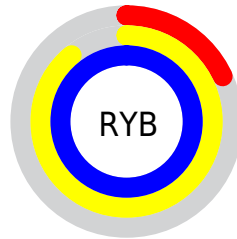
The Android color `4281270095` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4294913758`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4286775176`, and `4278240256` is the 20% darker color. If you saturate the color by 10%, you get `4279631674`, and if you desaturate by 10%, it is `4282974052`.

Distribution



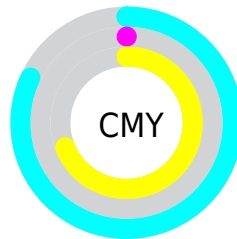
- Red (18%)
- Green (100%)
- Blue (31%)



- Red (18%)
- Yellow (89%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281270095 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 4281270095 by changing the saturation by 10% instead.



4281270095



4281270095

4294967295



4278247728



4286775176



4278240256



4289003429



4278233088



4291100609



4278225920



4293197791



4278219008



4294967292



4278212352



4278205952



4278199040



4278190080

■ 4281270095

■ 4281270095

■ 4279631674

■ 4282974052

■ 4278255400

■ 4284612474

■ 4286316431

■ 4287954853

■ 4289658810

■ 4291297232

■ 4293001189

■ 4294639611

4294967295

Harmonies

Analogous

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



4291489024



4281270095



4278255544

Triad

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



4281270095



4278252543



4294931104

Complementary

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



4281270095



4294913758

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.



4294930943



4281270095



4287025919

Square

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



4281270095



4278255615



4294942975



4294942785

Rectangle

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



4281270095



4278255613



4294942975



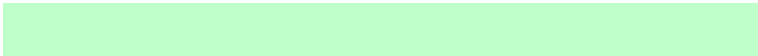
4294929089

Sweetspot

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



4281270095



4290772937



4292935470



4284055647



4278190080



4286611584

Same Dimension

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



4281270095



4278583085



4281270198



4285759605



4278239006



4278206474

Inverse Universe

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



4294913758



4294903256



4294913655



4286608253



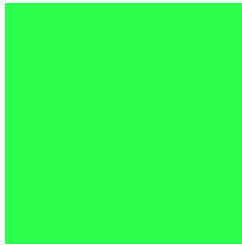
4290707617



4282384438

Previews

White Background



This preview shows how the Android color 4281270095 looks on a white background.

Color Contrast Check

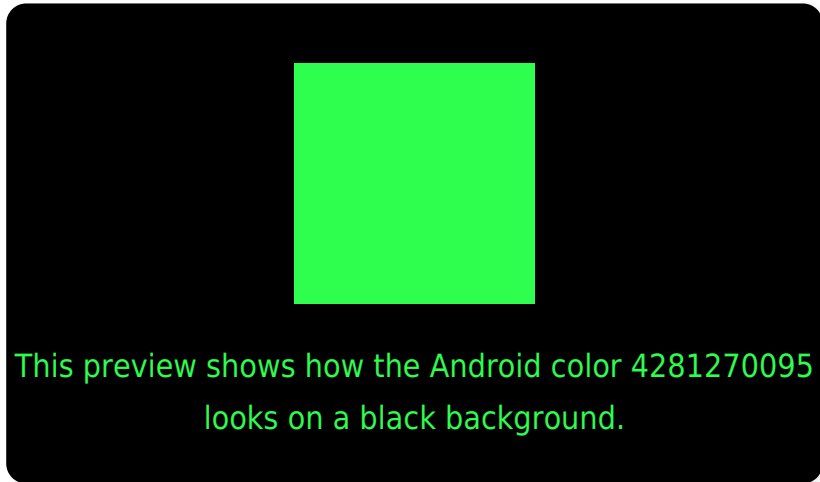
Large Text (above 18pt) WCAG AA × Fail

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 4281270095 Background



This preview shows how black text looks on a background with the Android color 4281270095.

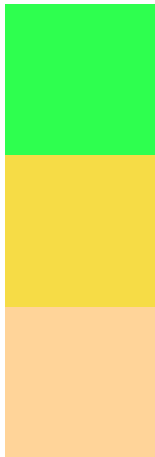


This preview shows how white text looks on a background with the Android color 4281270095.

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
4281270095

Protanopia
4294368326

Deuteranopia
4294956185

Trichromacy



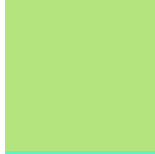
Original Color

4281270095



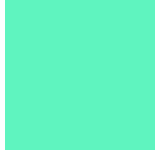
Protanomaly

4289587529



Deuteranomaly

4289979518



Tritanomaly

4284478655

Monochromacy



Original Color

4281270095



Achromatopsia

4289506476



Achromatomaly

4286499466

CSS Examples

Text

The CSS property to change the color of the text to Android 4281270095 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(46, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(46, 255, 79)  
}
```

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(46, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 255, 79) }
```

Border

The CSS property to change the border of an element to Android 4281270095 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(46, 255, 79) }
```

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

```
.border{ border-color:rgb(46, 255, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 255, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(46, 255,  
79) }
```

Background

The CSS property to change the background color of an element to Android 4281270095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 255, 79) }
```

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

```
.background{ background-color: rgb(46, 255,  
79) }
```

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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