

Converting Colors

Android(4281465906)

Have a look what the booklet for
Android(4281465906) contains.

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Color

Android(4281465906)

Conversions

Conversions Part 1

Format	Color
Hex	31FC32
RGB	49, 252, 50
RGB Percent	19%, 99%, 20%
CMY	0.8078, 0.0118, 0.8039
CMYK	0.81, 0.00, 0.80, 0.01
HSL	120°, 97%, 59%
HSV	120°, 81%, 99%
XYZ	36.6527, 70.5041, 14.6945
YIQ	168.2750, -56.1460, -105.8580

Conversions

Conversions Part 2

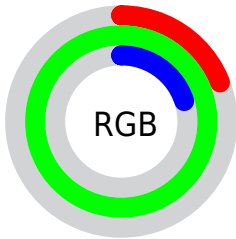
Format	Color
RYB	49, 251, 252
Decimal	3275826
CIELab	87.24, -81.08, 75.42
CIELCh	87, 110.732, 137.071
Yxy	70.5041, 0.3008, 0.5786
Android (android.graphics.Color)	4281465906 (0xFF31FC32)
YUV	168.2750, -58.3096, -104.6042
Hunter-Lab	83.9667, -69.0237, 48.4007

Details

The Android color `4281465906` 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 `4294717947`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4286906225`, and `4278239744` is the 20% darker color. If you saturate the color by 10%, you get `4279827481`, and if you desaturate by 10%, it is `4283104331`.

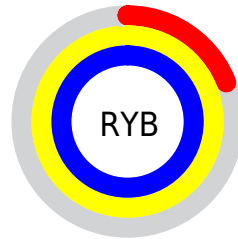
Distribution



Red (19%)

Green (99%)

Blue (20%)



Red (19%)

Yellow (98%)

Blue (99%)

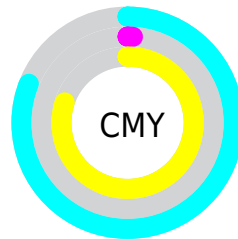


Cyan (81%)

Magenta (0%)

Yellow (80%)

Black (1%)



Cyan (81%)


Magenta (1%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281465906 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 4281465906 by changing the saturation by 10% instead.

 4281465906

 4281465906

4294967295

 4278247168

 4286906225

 4278239744

 4289068942

 4278232320

 4291231659

 4278225408

 4293328840

 4278218240

 4294967270

 4278211584

 4278205184

 4278198528

 4278190080

■ 4281465906

■ 4281465906

■ 4279827481

■ 4283104331

■ 4278254593

■ 4284742756

■ 4286446717

■ 4288085142

■ 4289723567

■ 4291361992

■ 4293000418

■ 4294704379

■ 4294966527

Harmonies

Analogous

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



4291749888



4281465906



4278255528

Triad

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



4281465906



4278252799



4294925732

Complementary

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



4281465906



4294717947

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.



4294927359



4281465906



4282242047

Square

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



4281465906



4278255615



4294942463



4294939197

Rectangle

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



4281465906



4278255602



4294942463



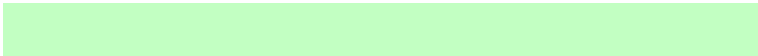
4294923462

Sweetspot

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



4281465906



4290969538



4294769713



4284186715



4278190080



4286611584

Same Dimension

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



4281465906



4278779657



4281466007



4285562225



4278238465



4278205696

Inverse Universe

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



4294717947



4294904062



4294717847



4286410877



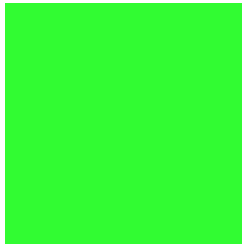
4290576572



4282187837

Previews

White Background



This preview shows how the Android color 4281465906 looks on a white background.

Color Contrast Check

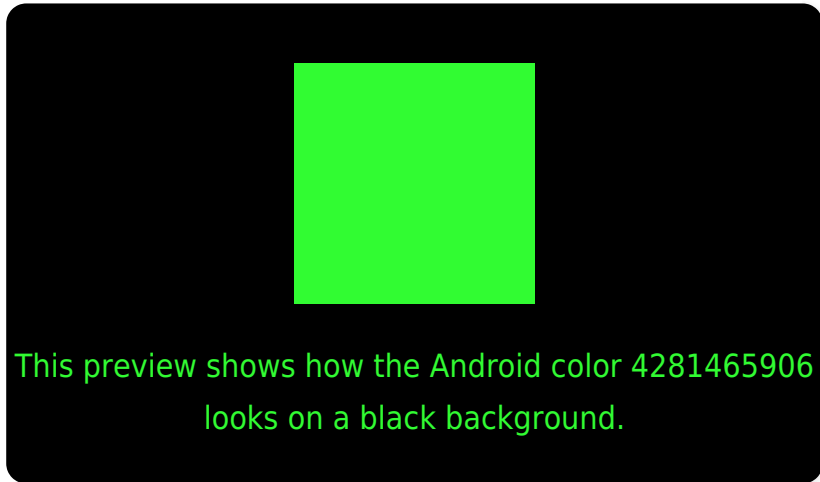
Large Text (above 18pt) WCAG AA × Fail

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 4281465906 Background



This preview shows how black text looks on a background with the Android color 4281465906.

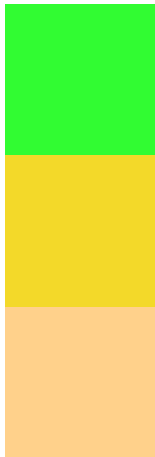


This preview shows how white text looks on a background with the Android color 4281465906.

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

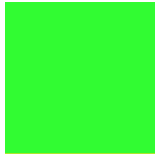


Original Color
4281465906

Protanopia
4294170921

Deuteranopia
4294955403

Trichromacy



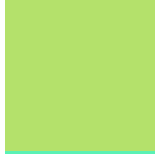
Original Color

4281465906



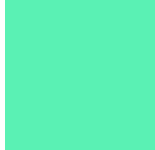
Protanomaly

4289521196



Deuteranomaly

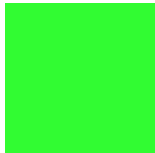
4290044267



Tritanomaly

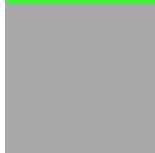
4284150196

Monochromacy



Original Color

4281465906



Achromatopsia

4289243304



Achromatomaly

4286433149

CSS Examples

Text

The CSS property to change the color of the text to Android 4281465906 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(49, 252, 50)` looks like.

```
.text, #text, p{  
    color:rgb(49, 252, 50)  
}
```

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(49, 252, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 252, 50) }
```

Border

The CSS property to change the border of an element to Android 4281465906 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(49, 252, 50) }
```

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

```
.border{ border-color:rgb(49, 252, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 252, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 252, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 252, 50);  
box-shadow:4px 4px 4px 4px rgb(49, 252,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4281465906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 252, 50) }
```

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

```
.background{ background-color: rgb(49, 252,  
50) }
```

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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