

Converting Colors

Android(4281191444)

Have a look what the booklet for
Android(4281191444) contains.

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Color

Android(4281191444)

Conversions

Conversions Part 1

Format	Color
Hex	2DCC14
RGB	45, 204, 20
RGB Percent	18%, 80%, 8%
CMY	0.8235, 0.2000, 0.9216
CMYK	0.78, 0.00, 0.90, 0.20
HSL	112°, 82%, 44%
HSV	112°, 90%, 80%
XYZ	22.8013, 43.7941, 7.9132
YIQ	135.4830, -35.7000, -90.9320

Conversions

Conversions Part 2

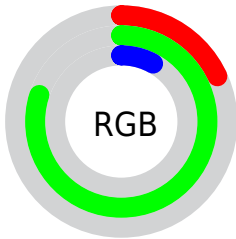
Format	Color
RYB	20, 204, 179
Decimal	3001364
CIELab	72.09, -69.02, 68.42
CIElCh	72, 97.186, 135.252
Yxy	43.7941, 0.3060, 0.5878
Android (android.graphics.Color)	4281191444 (0xFF2DCC14)
YUV	135.4830, -56.9331, -79.3536
Hunter-Lab	66.1771, -54.3078, 39.2343

Details


The Android color `4281191444` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4289926348`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4286054232`, and `4278227968` is the 20% darker color. If you saturate the color by 10%, you get `4280077312`, and if you desaturate by 10%, it is `4282371112`.

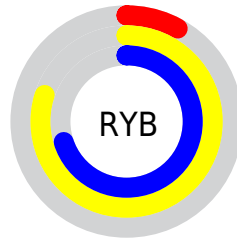
Distribution



 Red (18%)

 Green (80%)

 Blue (8%)




 Red (8%)

 Yellow (80%)

 Blue (70%)

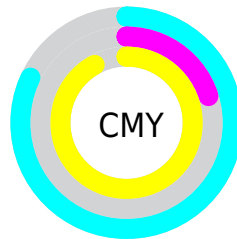



 Cyan (78%)

 Magenta (0%)

 Yellow (90%)

 Black (20%)



 Cyan (82%)


 Magenta (20%)


 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281191444 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 4281191444 by changing the saturation by 10% instead.

 4281191444

 4281191444

4294967295

 4278235136

 4286054232

 4278227968

 4288151413

 4278221056

 4290183057

 4278214400

 4292214701

 4278207744


 4294246346


 4278201600

 4294967272

 4278193664

 4278190080

 4281191444

 4281191444

■ 4280077312

■ 4282371112

■ 4283485245

■ 4284664913

■ 4285844582

■ 4286958714

■ 4288138382

■ 4289252515

■ 4290432183

■ 4291611852

Harmonies

Analogous

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



4289444608



4281191444



4278244480

Triad

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



4281191444



4278241535



4294918280

Complementary

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



4281191444



4289926348

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.



4294921184



4281191444



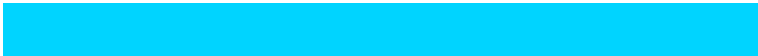
4278234367

Square

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



4281191444



4278244607



4293624063



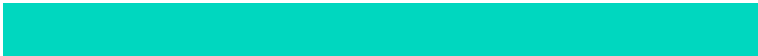
4294930481

Rectangle

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



4281191444



4278245311



4293624063



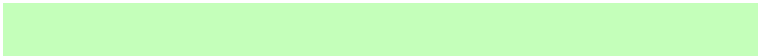
4294916517

Sweetspot

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



4281191444



4291100602



4291604500



4284252247



4278190080



4286611584

Same Dimension

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



4281191444



4280549120



4279553108



4284311132



4279739904



4278527488

Inverse Universe

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



4289926348



4292608255



4291564684



4284832870



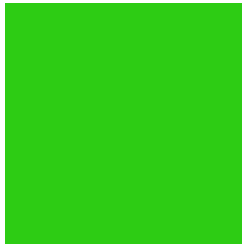
4287561894



4280352806

Previews

White Background



This preview shows how the Android color 4281191444 looks on a white background.

Color Contrast Check

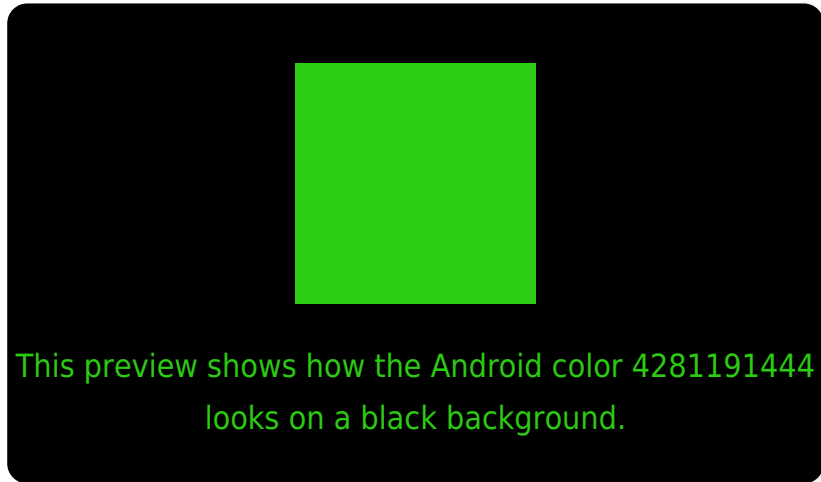
Large Text (above 18pt) WCAG AA × Fail

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 4281191444 Background



This preview shows how black text looks on a background with the Android color 4281191444.



This preview shows how white text looks on a background with the Android color 4281191444.

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
4281191444

Protanopia
4291211264

Deuteranopia
4292650543

Trichromacy



Original Color

4281191444



Protanomaly

4287543815



Deuteranomaly

4288459813



Tritanomaly

4283220874

Monochromacy



Original Color

4281191444



Achromatopsia

4287072135



Achromatomaly

4284915805

CSS Examples

Text

The CSS property to change the color of the text to Android 4281191444 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(45, 204, 20)` looks like.

```
.text, #text, p{  
    color:rgb(45, 204, 20)  
}
```

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(45, 204, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 204, 20) }
```

Border

The CSS property to change the border of an element to Android 4281191444 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(45, 204, 20) }
```

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

```
.border{ border-color:rgb(45, 204, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 204, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 204, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 204, 20);  
box-shadow:4px 4px 4px 4px rgb(45, 204,  
20) }
```

Background

The CSS property to change the background color of an element to Android 4281191444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 204, 20) }
```

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

```
.background{ background-color: rgb(45, 204,  
20) }
```

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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