

Converting Colors

Android(4281196893)

Have a look what the booklet for
Android(4281196893) contains.

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Color

Android(4281196893)

Conversions

Conversions Part 1

Format	Color
Hex	2DE15D
RGB	45, 225, 93
RGB Percent	18%, 88%, 36%
CMY	0.8235, 0.1176, 0.6353
CMYK	0.80, 0.00, 0.59, 0.12
HSL	136°, 75%, 53%
HSV	136°, 80%, 88%
XYZ	29.9832, 55.1986, 19.4301
YIQ	156.1320, -64.9080, -79.2120

Conversions

Conversions Part 2

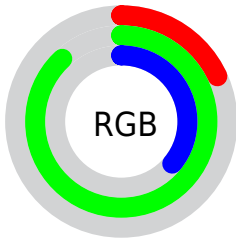
Format	Color
RYB	45, 187, 225
Decimal	3006813
CIELab	79.16, -69.78, 51.46
CIELCh	79, 86.708, 143.593
Yxy	55.1986, 0.2866, 0.5277
Android (android.graphics.Color)	4281196893 (0xFF2DE15D)
YUV	156.1320, -31.1241, -97.4628
Hunter-Lab	74.2958, -57.9812, 36.5013

Details

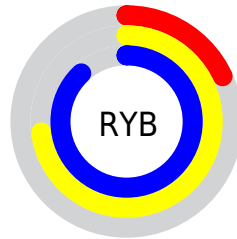
The Android color `4281196893` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292947377`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4286185363`, and `4278233127` is the 20% darker color. If you saturate the color by 10%, you get `4279689549`, and if you desaturate by 10%, it is `4282704238`.

Distribution



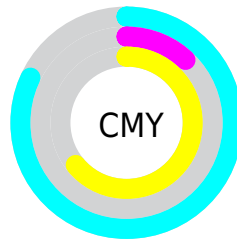
- Red (18%)
- Green (88%)
- Blue (36%)



- Red (18%)
- Yellow (73%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)
- Black (12%)





- Cyan (82%)
- Magenta (12%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281196893 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 4281196893 by changing the saturation by 10% instead.

 4281196893

 4281196893

4294967295

 4278240322

 4286185363

 4278233127

 4288348079

 4278226177

 4290379723

 4278219264

 4292411368


 4278212352

 4294443007

 4278206208

 4278199808

 4278190080

 4281196893

 4281196893

 4279689549

 4282704238

 4278247740


 4284146046

 4285653390

 4287095199

 4288537008

 4290044352

 4291551697

 4292993505

 4294500849

Harmonies

Analogous

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



4289516288



4281196893



4278249647

Triad

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



4281196893



4278244351



4294932361

Complementary

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



4281196893



4292947377

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.



4294930905



4281196893



4288591615

Square

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



4281196893



4278248447



4294938879



4294940735

Rectangle

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



4281196893



4278249960



4294938879



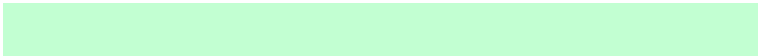
4294930595

Sweetspot

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



4281196893



4290969554



4289847597



4284186724



4278190080



4286611584

Same Dimension

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



4281196893



4278910795



4281196983



4284837992



4278235183



4278202381

Inverse Universe

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



4292947377



4294904510



4292947287



4285556077



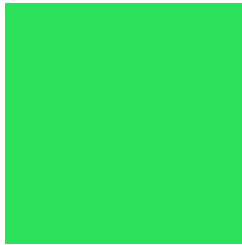
4289724545



4281335844

Previews

White Background



This preview shows how the Android color 4281196893 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 4281196893 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 4281196893 Background



This preview shows how black text looks on a background with the Android color 4281196893.

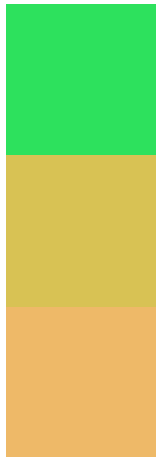


This preview shows how white text looks on a background with the Android color 4281196893.

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
4281196893

Protanopia
4292395604

Deuteranopia
4293835112

Trichromacy



Original Color

4281196893



Protanomaly

4288335191



Deuteranomaly

4289251428



Tritanomaly

4283422899

Monochromacy



Original Color

4281196893



Achromatopsia

4288453788



Achromatomaly

4285838725

CSS Examples

Text

The CSS property to change the color of the text to Android 4281196893 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, 225, 93)` looks like.

```
.text, #text, p{  
    color:rgb(45, 225, 93)  
}
```

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, 225, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 225, 93) }
```

Border

The CSS property to change the border of an element to Android 4281196893 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, 225, 93) }
```

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

```
.border{ border-color:rgb(45, 225, 93) }
```

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

Here you see how a box with a 4 pixel rgb(45, 225, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 225, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 225, 93);  
box-shadow:4px 4px 4px 4px rgb(45, 225,  
93) }
```

Background

The CSS property to change the background color of an element to Android 4281196893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 225, 93) }
```

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

```
.background{ background-color: rgb(45, 225,  
93) }
```

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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