

Converting Colors

Android(4281070958)

Have a look what the booklet for
Android(4281070958) contains.

Android(4281070958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281070958)

Conversions

Conversions Part 1

Format	Color
Hex	2BF56E
RGB	43, 245, 110
RGB Percent	17%, 96%, 43%
CMY	0.8314, 0.0392, 0.5686
CMYK	0.82, 0.00, 0.55, 0.04
HSL	140°, 91%, 56%
HSV	140°, 82%, 96%
XYZ	36.4631, 66.9442, 25.7516
YIQ	169.2120, -77.0570, -84.8090

Conversions

Conversions Part 2

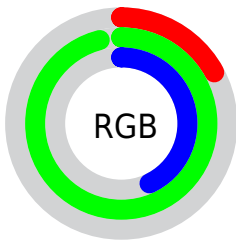
Format	Color
RYB	43, 195, 245
Decimal	2880878
CIELab	85.48, -74.09, 51.27
CIELCh	85, 90.100, 145.313
Yxy	66.9442, 0.2823, 0.5183
Android (android.graphics.Color)	4281070958 (0xFF2BF56E)
YUV	169.2120, -29.1915, -110.6879
Hunter-Lab	81.8194, -63.6348, 38.6129

Details

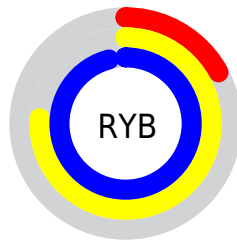
The Android color `4281070958` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed spring green. A complement of this color would be `4294257586`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4286447524`, and `4278238009` is the 20% darker color. If you saturate the color by 10%, you get `4279498078`, and if you desaturate by 10%, it is `4282709374`.

Distribution



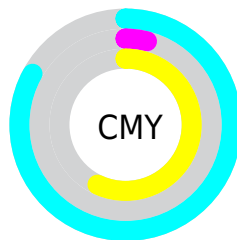
- Red (17%)
- Green (96%)
- Blue (43%)



- Red (17%)
- Yellow (76%)
- Blue (96%)



- Cyan (82%)
- Magenta (0%)
- Yellow (55%)
- Black (4%)



- Cyan (83%)
- Magenta (4%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281070958 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 4281070958 by changing the saturation by 10% instead.

 4281070958

 4281070958

4294967295

 4278245459

 4286447524

 4278238009

 4288610240

 4278230812

 4290707421

 4278223872

 4292804602

 4278216960

 4294836223


 4278210304

 4278203904

 4278197248

 4278190080

 4281070958

 4281070958

 4279498078

 4282709374

 4278252881

 4284282255

 4285920671

 4287493551

 4289131968

 4290704848

 4292343265

 4293916145

 4294964735

Harmonies

Analogous

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



4290307606



4281070958



4278254789

Triad

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



4281070958



4278248703



4294936466

Complementary

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



4281070958



4294257586

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.



4294934503



4281070958



4290364927

Square

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



4281070958



4278253311



4294942207



4294945350

Rectangle

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



4281070958



4278255103



4294942207



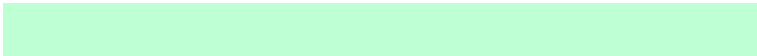
4294934446

Sweetspot

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



4281070958



4290772948



4290114859



4284055654



4278190080



4286611584

Same Dimension

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



4281070958



4278452054



4281071056



4285430386



4278237758



4278205203

Inverse Universe

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



4294257586



4294902699



4294257488



4286213750



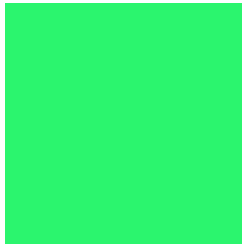
4290379900



4282056743

Previews

White Background



This preview shows how the Android color 4281070958 looks on a white background.

Color Contrast Check

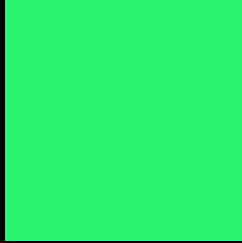
Large Text (above 18pt) WCAG AA × Fail

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 4281070958 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 4281070958 Background



This preview shows how black text looks on a background with the Android color 4281070958.

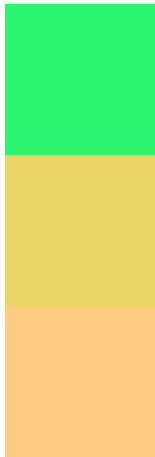


This preview shows how white text looks on a background with the Android color 4281070958.

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](#).

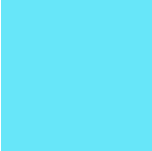
Dichromacy



Original Color
4281070958

Protanopia
4293579875

Deuteranopia
4294953601



Tritanopia
4284999417

Trichromacy



Original Color

4281070958



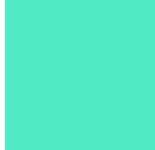
Protanomaly

4289060967



Deuteranomaly

4289911418



Tritanomaly

4283558854

Monochromacy



Original Color

4281070958



Achromatopsia

4289309097



Achromatomaly

4286301588

CSS Examples

Text

The CSS property to change the color of the text to Android 4281070958 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(43, 245, 110)` looks like.

```
.text, #text, p{  
    color:rgb(43, 245, 110)  
}
```

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(43, 245, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 245, 110) }
```

Border

The CSS property to change the border of an element to Android 4281070958 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(43, 245, 110) }
```

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

```
.border{ border-color:rgb(43, 245, 110) }
```

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

Here you see how a box with a 4 pixel rgb(43, 245, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 245, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 245, 110);  
box-shadow:4px 4px 4px 4px rgb(43, 245,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4281070958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 245, 110) }
```

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

```
.background{ background-color: rgb(43, 245,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor