

Converting Colors

Android(4281920884)

Have a look what the booklet for
Android(4281920884) contains.

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Color

Android(4281920884)

Conversions

Conversions Part 1

Format	Color
Hex	38ED74
RGB	56, 237, 116
RGB Percent	22%, 93%, 45%
CMY	0.7804, 0.0706, 0.5451
CMYK	0.76, 0.00, 0.51, 0.07
HSL	140°, 83%, 57%
HSV	140°, 76%, 93%
XYZ	35.0675, 62.6701, 26.7713
YIQ	169.0870, -69.0350, -76.0030

Conversions

Conversions Part 2

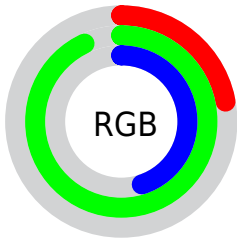
Format	Color
RYB	56, 192, 237
Decimal	3730804
CIELab	83.27, -69.27, 45.86
CIELCh	83, 83.073, 146.494
Yxy	62.6701, 0.2816, 0.5033
Android (android.graphics.Color)	4281920884 (0xFF38ED74)
YUV	169.0870, -26.1719, -99.1773
Hunter-Lab	79.1644, -59.4676, 35.3648

Details

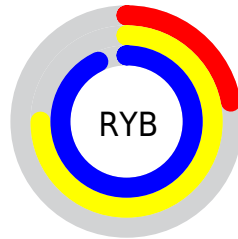
The Android color `4281920884` is a dark color, and the websafe version is hex `33FF99`. The color can be described as middle washed spring green. A complement of this color would be `4293736625`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4286709674`, and `4278236224` is the 20% darker color. If you saturate the color by 10%, you get `4280348004`, and if you desaturate by 10%, it is `4283493764`.

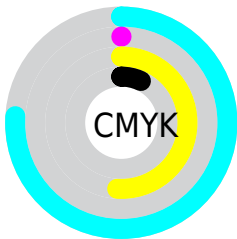
Distribution



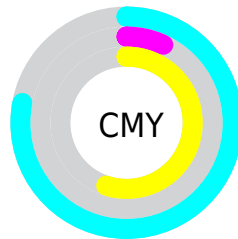
- Red (22%)
- Green (93%)
- Blue (45%)



- Red (22%)
- Yellow (75%)
- Blue (93%)



- Cyan (76%)
- Magenta (0%)
- Yellow (51%)
- Black (7%)




- Cyan (78%)
- Magenta (7%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281920884 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 4281920884 by changing the saturation by 10% instead.

 4281920884

 4281920884

4294967295

 4278243418

 4286709674

 4278236224

 4288806854

 4278229030

 4290904035

 4278222084

 4292935679


 4278215168


 4278208512

 4278202368

 4278195200

 4278190080

 4281920884

 4281920884

 4280348004

 4283493764

 4278840660

 4285001108

 4278250831

 4286573988

 4288146867

 4289654211

 4291227091

 4292799971

 4294372851

 4294962687

Harmonies

Analogous

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



4289912623



4281920884



4278252483

Triad

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



4281920884



4278246399



4294937231

Complementary

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



4281920884



4293736625

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.



4294935260



4281920884



4290625535

Square

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



4281920884



4278251007



4294941695



4294945098

Rectangle

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



4281920884



4278252794



4294941695



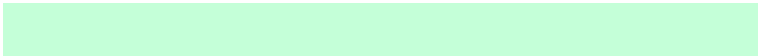
4294935720

Sweetspot

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



4281920884



4291100632



4290047288



4284252264



4278190080



4286611584

Same Dimension

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



4281920884



4279566178



4281920972



4285166957



4278236476



4278203922

Inverse Universe

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



4293736625



4294907057



4293736537



4285885041



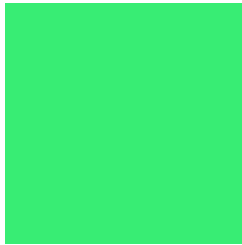
4290052217



4281729060

Previews

White Background



This preview shows how the Android color 4281920884 looks on a white background.

Color Contrast Check

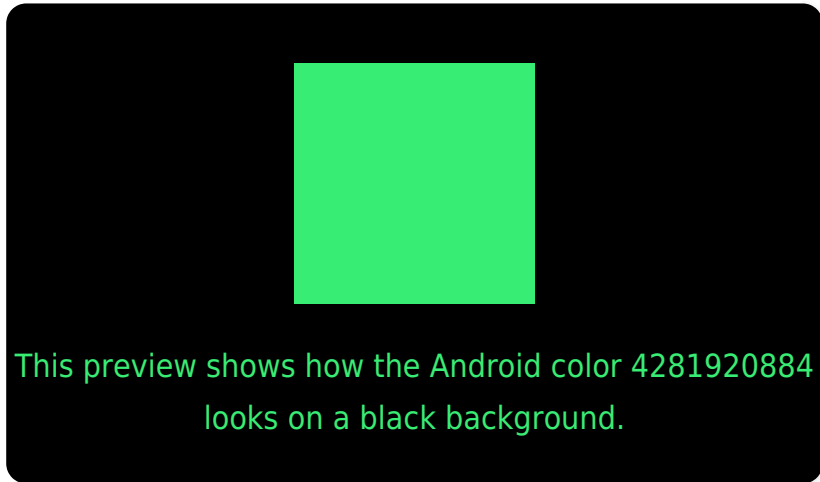
Large Text (above 18pt) WCAG AA × Fail

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 4281920884 Background



This preview shows how black text looks on a background with the Android color 4281920884.



This preview shows how white text looks on a background with the Android color 4281920884.

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



Trichromacy



Original Color

4281920884



Protanomaly

4289059181



Deuteranomaly

4289975162



Tritanomaly

4283950276

Monochromacy



Original Color

4281920884



Achromatopsia

4289309097



Achromatomaly

4286628502

CSS Examples

Text

The CSS property to change the color of the text to Android 4281920884 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(56, 237, 116)` looks like.

```
.text, #text, p{  
    color:rgb(56, 237, 116)  
}
```

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(56, 237, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 237, 116) }
```

Border

The CSS property to change the border of an element to Android 4281920884 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(56, 237, 116) }
```

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

```
.border{ border-color:rgb(56, 237, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 237, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 237, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 237, 116);  
box-shadow:4px 4px 4px 4px rgb(56, 237,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4281920884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 237, 116) }
```

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

```
.background{ background-color: rgb(56, 237,  
116) }
```

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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