

Converting Colors

Android(4278224341)

Have a look what the booklet for
Android(4278224341) contains.

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Color

Android(4278224341)

Conversions

Conversions Part 1

Format	Color
Hex	0085D5
RGB	0, 133, 213
RGB Percent	0%, 52%, 84%
CMY	1.0000, 0.4784, 0.1647
CMYK	1.00, 0.38, 0.00, 0.16
HSL	203°, 100%, 42%
HSV	203°, 100%, 84%
XYZ	20.3978, 21.5792, 66.0409
YIQ	102.3530, -104.9480, -3.3160

Conversions

Conversions Part 2

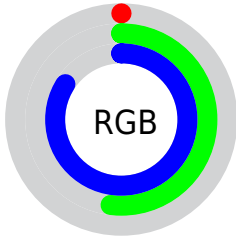
Format	Color
RYB	0, 82, 213
Decimal	34261
CIELab	53.58, -0.55, -49.33
CIELCh	54, 49.338, 269.362
Yxy	21.5792, 0.1888, 0.1998
Android (android.graphics.Color)	4278224341 (0xFF0085D5)
YUV	102.3530, 54.5490, -89.7636
Hunter-Lab	46.4534, -2.9137, -51.7729

Details

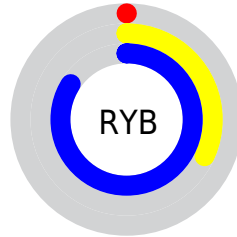
The Android color `4278224341` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4292169728`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284857087`, and `4278211742` is the 20% darker color. If you saturate the color by 10%, you get `4278224341`, and if you desaturate by 10%, it is `4279602645`.

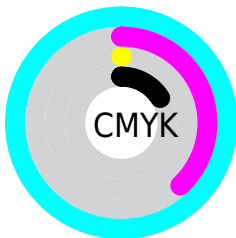
Distribution



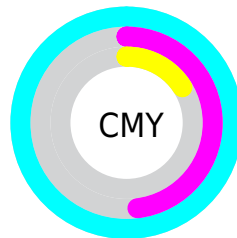
- Red (0%)
- Green (52%)
- Blue (84%)



- Red (0%)
- Yellow (32%)
- Blue (84%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (48%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224341 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 4278224341 by changing the saturation by 10% instead.



4278224341



4278224341

4294967295



4278217913



4284857087



4278211742



4286961151



4278206083



4289000191



4278200682



4291035135



4278195281



4293066751



4278191417



4278190627



4278190089



4278190080

■ 4278224341

■ 4279602645

■ 4281046485

■ 4282424789

■ 4283803093

■ 4285246933

■ 4286625237

■ 4288003541

■ 4289381845

■ 4290825685

Harmonies

Analogous

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



4278226889



4278224341



4286543306

Triad

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



4278224341



4291583577



4281438547

Complementary

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



4278224341



4292169728

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.



4285368881



4278224341



4290342198

Square

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



4278224341



4291516803



4288183845



4278228350

Rectangle

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



4278224341



4289030584



4288183845



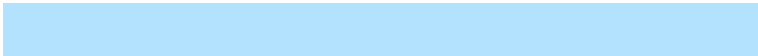
4283076422

Sweetspot

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



4278224341



4289979135



4278244686



4283592320



4278190080



4286611584

Same Dimension

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



4278224341



4278231039



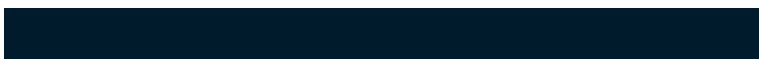
4278197461



4284508011



4278217643



4278197035

Inverse Universe

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



4292149381



4294901919



4292196608



4285227111



4289396843



4281008155

Previews

White Background



This preview shows how the Android color 4278224341 looks on a white background.

Color Contrast Check

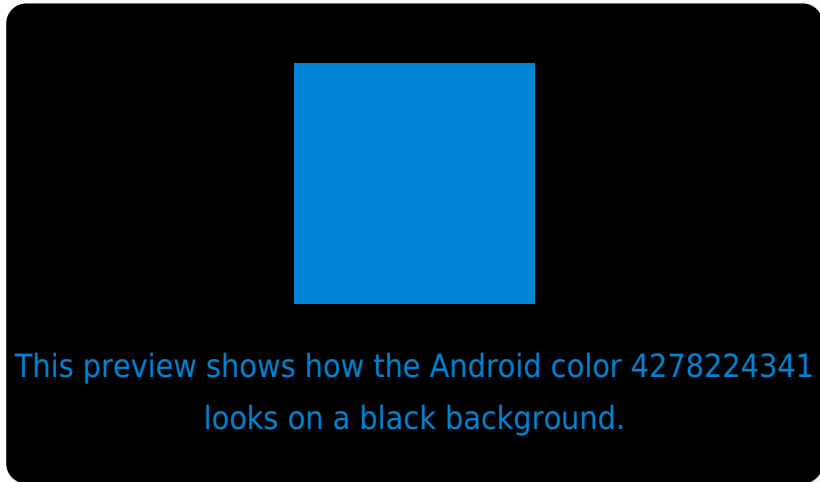
Large Text (above 18pt) WCAG AA ✓ Pass

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

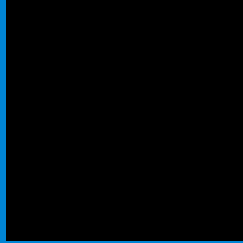
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278224341 Background



This preview shows how black text looks on a background with the Android color 4278224341.



This preview shows how white text looks on a background with the Android color 4278224341.

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
4278224341

Protanomaly
4282220752

Deuteranomaly
4281041622

Tritanomaly
4278225838

Monochromacy



Original Color
4278224341

Achromatopsia
4284900966

Achromatomaly
4282478990

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224341 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(0, 133, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 213)  
}
```

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(0, 133, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 213) }
```

Border

The CSS property to change the border of an element to Android 4278224341 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(0, 133, 213) }
```

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

```
.border{ border-color:rgb(0, 133, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4278224341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 213) }
```

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

```
.background{ background-color: rgb(0, 133,  
213) }
```

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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