

Converting Colors

Android(4278224859)

Have a look what the booklet for
Android(4278224859) contains.

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Color

Android(4278224859)

Conversions

Conversions Part 1

Format	Color
Hex	0087DB
RGB	0, 135, 219
RGB Percent	0%, 53%, 86%
CMY	1.0000, 0.4706, 0.1412
CMYK	1.00, 0.38, 0.00, 0.14
HSL	203°, 100%, 43%
HSV	203°, 100%, 86%
XYZ	21.4502, 22.4424, 70.2191
YIQ	104.2110, -107.4240, -2.4960

Conversions

Conversions Part 2

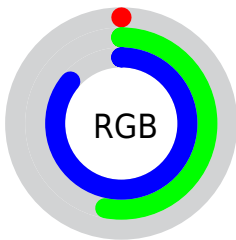
Format	Color
RYB	0, 84, 219
Decimal	34779
CIELab	54.49, 0.57, -51.25
CIELCh	54, 51.257, 270.632
Yxy	22.4424, 0.1880, 0.1967
Android (android.graphics.Color)	4278224859 (0xFF0087DB)
YUV	104.2110, 56.5910, -91.3930
Hunter-Lab	47.3734, -2.0807, -54.7210

Details

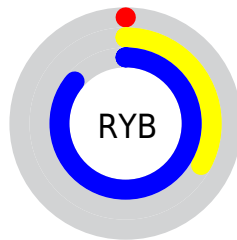
The Android color `4278224859` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4292563968`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284988671`, and `4278212259` is the 20% darker color. If you saturate the color by 10%, you get `4278224859`, and if you desaturate by 10%, it is `4279668699`.

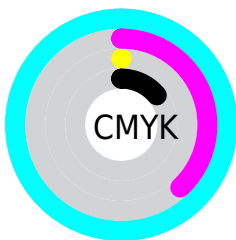
Distribution



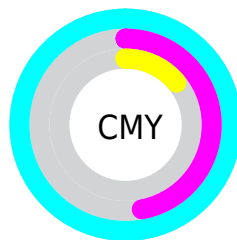
- Red (0%)
- Green (53%)
- Blue (86%)



- Red (0%)
- Yellow (33%)
- Blue (86%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224859 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 4278224859 by changing the saturation by 10% instead.

 4278224859

 4278224859

4294967295

 4278218431

 4284988671


 4278212259

 4287092735

 4278206345

 4289197311

 4278200943

 4291166207

 4278195798

 4293197823

 4278191678


 4278190887

 4278190352

 4278190080

 4278224859

 4279668699

 4281112795

 4282556635


 4284000731

 4285444571

 4286822875

 4288266971

 4289710811

 4291154907

Harmonies

Analogous

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



4278227663



4278224859



4286871247

Triad

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



4278224859



4291845976



4280980565

Complementary

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



4278224859



4292563968

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.



4285304112



4278224859



4290539572

Square

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



4278224859



4291910275



4288249890



4278229122

Rectangle

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



4278224859



4289424059



4288249890



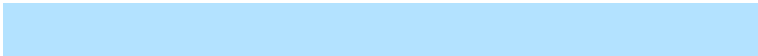
4282815047

Sweetspot

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



4278224859



4289979135



4278246228



4283592320



4278190080



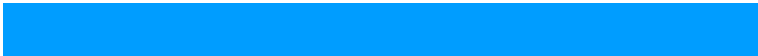
4286611584

Same Dimension

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



4278224859



4278230527



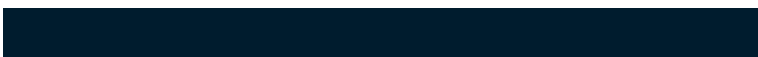
4278196955



4284705134



4278217645



4278197294

Inverse Universe

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



4292542599



4294901917



4292591872



4285424489



4289527915



4281204764

Previews

White Background



This preview shows how the Android color 4278224859 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



This preview shows how the Android color 4278224859 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 × Fail

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

Android 4278224859 Background



This preview shows how black text looks on a background with the Android color 4278224859.



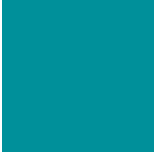
This preview shows how white text looks on a background with the Android color 4278224859.

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
4278224859

Protanomaly
4282221270

Deuteranomaly
4280911068

Tritanomaly
4278226354

Monochromacy



Original Color
4278224859

Achromatopsia
4285032552

Achromatomaly
4282545042

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224859 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, 135, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 219)  
}
```

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, 135, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 219) }
```

Border

The CSS property to change the border of an element to Android 4278224859 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, 135, 219) }
```

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

```
.border{ border-color:rgb(0, 135, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 135, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4278224859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 219) }
```

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

```
.background{ background-color: rgb(0, 135,  
219) }
```

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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