

Converting Colors

Android(4278224072)

Have a look what the booklet for
Android(4278224072) contains.

Android(4278224072)	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(4278224072)

Conversions

Conversions Part 1

Format	Color
Hex	0084C8
RGB	0, 132, 200
RGB Percent	0%, 52%, 78%
CMY	1.0000, 0.4824, 0.2157
CMYK	1.00, 0.34, 0.00, 0.22
HSL	200°, 100%, 39%
HSV	200°, 100%, 78%
XYZ	18.6766, 20.6727, 57.6494
YIQ	100.2840, -100.5000, -6.8360

Conversions

Conversions Part 2

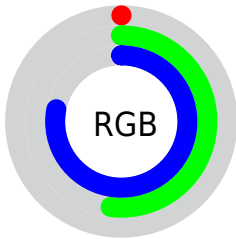
Format	Color
RYB	0, 80, 200
Decimal	33992
CIELab	52.59, -4.96, -43.54
CIELCh	53, 43.823, 263.503
Yxy	20.6727, 0.1925, 0.2131
Android (android.graphics.Color)	4278224072 (0xFF0084C8)
YUV	100.2840, 49.1600, -87.9491
Hunter-Lab	45.4672, -6.2450, -43.3488

Details

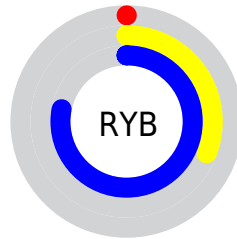
The Android color `4278224072` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4291314688`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4284660223`, and `4278211474` is the 20% darker color. If you saturate the color by 10%, you get `4278224072`, and if you desaturate by 10%, it is `4279536584`.

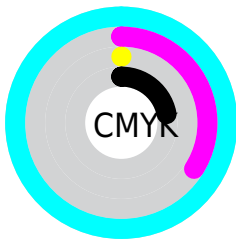
Distribution



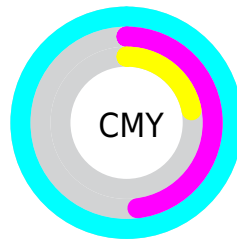
- Red (0%)
- Green (52%)
- Blue (78%)



- Red (0%)
- Yellow (31%)
- Blue (78%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224072 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 4278224072 by changing the saturation by 10% instead.

 4278224072

 4278224072

4294967295

 4278217644

 4284660223

 4278211474

 4286698751

 4278205559

 4288737791

 4278200158

 4290772991

 4278195014

 4292739071

 4278191151

 4294770687

 4278190361

 4278190080

 4278224072

■ 4279536584

■ 4280849096

■ 4282161352

■ 4283473864

■ 4284786376

■ 4286098888

■ 4287411400

■ 4288723656

■ 4290036168

Harmonies

Analogous

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



4278226105



4278224072



4285691843

Triad

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



4278224072



4290994018



4282944591

Complementary

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



4278224072



4291314688

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.



4285957173



4278224072



4290079554

Square

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



4278224072



4290666119



4288313648



4278227060

Rectangle

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



4278224072



4288048564



4288313648



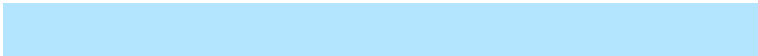
4284058181

Sweetspot

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



4278224072



4289979903



4278241347



4283592832



4278190080



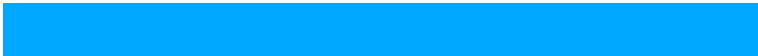
4286611584

Same Dimension

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



4278224072



4278233343



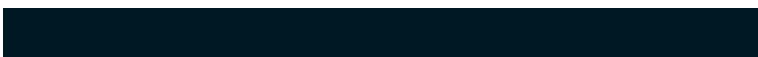
4278198728



4284112995



4278217891



4278196260

Inverse Universe

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



4291297412



4294901928



4291340032



4284701280



4288872556



4280549400

Previews

White Background



This preview shows how the Android color 4278224072 looks on a white background.

Color Contrast Check

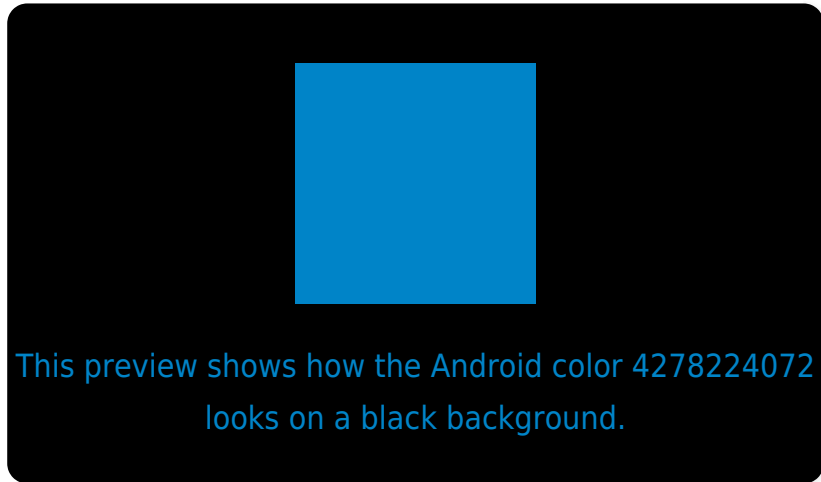
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278224072 Background



This preview shows how black text looks on a background with the Android color 4278224072.



This preview shows how white text looks on a background with the Android color 4278224072.

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
4278224072

Protanomaly
4282416835

Deuteranomaly
4281499849

Tritanomaly
4278225064

Monochromacy



Original Color
4278224072

Achromatopsia
4284769380

Achromatomaly
4282413192

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224072 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, 132, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 200)  
}
```

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, 132, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 200) }
```

Border

The CSS property to change the border of an element to Android 4278224072 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, 132, 200) }
```

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

```
.border{ border-color:rgb(0, 132, 200) }
```

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

Here you see how a box with a 4 pixel rgb(0, 132, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4278224072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 200) }
```

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

```
.background{ background-color: rgb(0, 132,  
200) }
```

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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