

Converting Colors

Android(4278230229)

Have a look what the booklet for
Android(4278230229) contains.

Android(4278230229)	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(4278230229)

Conversions

Conversions Part 1

Format	Color
Hex	009CD5
RGB	0, 156, 213
RGB Percent	0%, 61%, 84%
CMY	1.0000, 0.3882, 0.1647
CMYK	1.00, 0.27, 0.00, 0.16
HSL	196°, 100%, 42%
HSV	196°, 100%, 84%
XYZ	23.8987, 28.5810, 67.2079
YIQ	115.8540, -111.2730, -15.3450

Conversions

Conversions Part 2

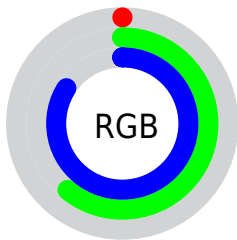
Format	Color
RYB	0, 90, 213
Decimal	40149
CIELab	60.41, -13.77, -38.55
CIELCh	60, 40.932, 250.342
Yxy	28.5810, 0.1997, 0.2388
Android (android.graphics.Color)	4278230229 (0xFF009CD5)
YUV	115.8540, 47.8930, -101.6040
Hunter-Lab	53.4612, -13.7625, -37.1126

Details

The Android color `4278230229` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292163840`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4284928767`, and `4278217118` is the 20% darker color. If you saturate the color by 10%, you get `4278230229`, and if you desaturate by 10%, it is `4279608021`.

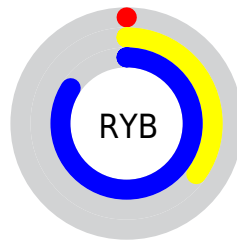
Distribution



Red (0%)

Green (61%)

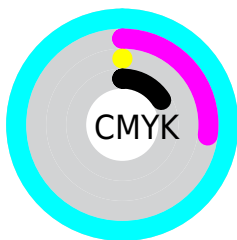
Blue (84%)



Red (0%)

Yellow (35%)

Blue (84%)

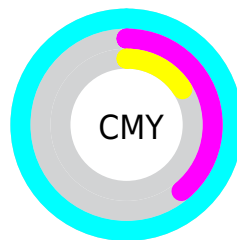


Cyan (100%)

Magenta (27%)

Yellow (0%)

Black (16%)



Cyan (100%)

Magenta (39%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230229 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 4278230229 by changing the saturation by 10% instead.

 4278230229

 4278230229

4294967295

 4278223545

 4284928767

 4278217118

 4287098879

 4278210948

 4289134591

 4278205034

 4291166207

 4278199634

 4293197823

 4278192186

 4278190628

 4278190092

 4278190080

■ 4278230229

■ 4279608021

■ 4281051093

■ 4282428885

■ 4283806677

■ 4285250005

■ 4286627541

■ 4288005333

■ 4289383125

■ 4290826197

Harmonies

Analogous

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



4278231743



4278230229



4285436376

Triad

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



4278230229



4292244614



4285832537

Complementary

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



4278230229



4292163840

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.



4288451657



4278230229



4291918693

Square

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



4278230229



4291328171



4290545486



4282557304

Rectangle

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



4278230229



4287989968



4290545486



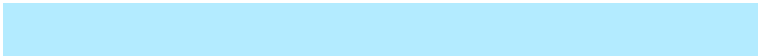
4286749265

Sweetspot

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



4278230229



4289981439



4278244665



4283593600



4278190080



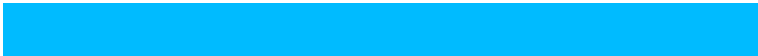
4286611584

Same Dimension

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



4278230229



4278238207



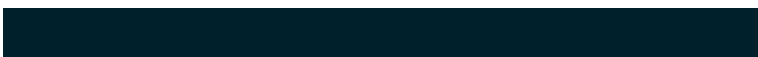
4278203093



4284508267



4278222251



4278198315

Inverse Universe

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



4292149404



4294901947



4292190976



4285227112



4289396861



4281008160

Previews

White Background



This preview shows how the Android color 4278230229 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 4278230229 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 4278230229 Background



This preview shows how black text looks on a background with the Android color 4278230229.



This preview shows how white text looks on a background with the Android color 4278230229.

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

4278230229



Protanomaly

4283536590



Deuteranomaly

4282946775



Tritanomaly

4278230972

Monochromacy



Original Color

4278230229



Achromatopsia

4285822068



Achromatomaly

4283073431

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230229 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, 156, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 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, 156, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 213) }
```

Border

The CSS property to change the border of an element to Android 4278230229 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, 156, 213) }
```

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

```
.border{ border-color:rgb(0, 156, 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, 156, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4278230229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 213) }
```

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

```
.background{ background-color: rgb(0, 156,  
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](#).

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