

Converting Colors

Android(4278218171)

Have a look what the booklet for
Android(4278218171) contains.

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Color

Android(4278218171)

Conversions

Conversions Part 1

Format	Color
Hex	006DBB
RGB	0, 109, 187
RGB Percent	0%, 43%, 73%
CMY	1.0000, 0.5725, 0.2667
CMYK	1.00, 0.42, 0.00, 0.27
HSL	205°, 100%, 37%
HSV	205°, 100%, 73%
XYZ	14.4383, 14.5251, 49.0564
YIQ	85.3010, -90.0020, 1.1500

Conversions

Conversions Part 2

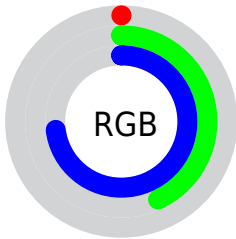
Format	Color
RYB	0, 69, 187
Decimal	28091
CIELab	44.98, 3.95, -48.19
CIELCh	45, 48.353, 274.691
Yxy	14.5251, 0.1851, 0.1862
Android (android.graphics.Color)	4278218171 (0xFF006DBB)
YUV	85.3010, 50.1376, -74.8090
Hunter-Lab	38.1119, 0.9271, -49.6379

Details

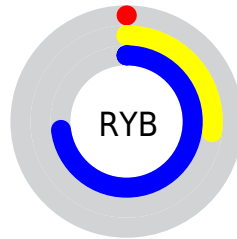
The Android color `4278218171` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290465280`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4284391668`, and `4278206085` is the 20% darker color. If you saturate the color by 10%, you get `4278218171`, and if you desaturate by 10%, it is `4279465403`.

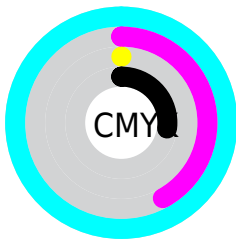
Distribution



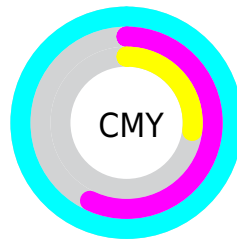
- Red (0%)
- Green (43%)
- Blue (73%)



- Red (0%)
- Yellow (27%)
- Blue (73%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218171 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 4278218171 by changing the saturation by 10% instead.

 4278218171

 4278218171

4294967295

 4278212000

 4284391668

 4278206085

 4286430207

 4278200683

 4288403199

 4278195539

 4290376703

 4278191675

 4292345855

 4278190628

 4294377471

 4278190092

 4278190080

 4278218171

■ 4279465403

■ 4280647099

■ 4281894075

■ 4283141307

■ 4284388539

■ 4285570235

■ 4286817467

■ 4288064443

■ 4289246139

Harmonies

Analogous

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



4278220979



4278218171



4285816237

Triad

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



4278218171



4289678143



4278221638

Complementary

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



4278218171



4290465280

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.



4283397410



4278218171



4288306207

Square

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



4278218171



4289872742



4286147342



4278222448

Rectangle

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



4278218171



4287910298



4286147342



4280777273

Sweetspot

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



4278218171



4289385714



4278238030



4283328634



4294638330



4286216826

Same Dimension

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



4278218171



4278226418



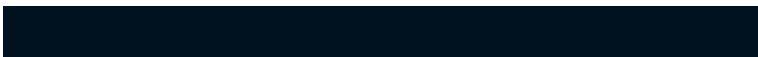
4278194363



4283783774



4278213790



4278194719

Inverse Universe

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



4290445421



4294049933



4290489088



4284372314



4288544860



4280221714

Previews

White Background



This preview shows how the Android color 4278218171 looks on a white 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

Black Background



This preview shows how the Android color 4278218171 looks on a black 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

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

Android 4278218171 Background



This preview shows how black text looks on a background with the Android color 4278218171.



This preview shows how white text looks on a background with the Android color 4278218171.

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
4278218171

Protanomaly
4281232056

Deuteranomaly
4279659707

Tritanomaly
4278219668

Monochromacy



Original Color
4278218171

Achromatopsia
4283782485

Achromatomaly
4281753210

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218171 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, 109, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 187)  
}
```

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, 109, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 187) }
```

Border

The CSS property to change the border of an element to Android 4278218171 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, 109, 187) }
```

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

```
.border{ border-color:rgb(0, 109, 187) }
```

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

Here you see how a box with a 4 pixel rgb(0, 109, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
187) }
```

Background

The CSS property to change the background color of an element to Android 4278218171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 187) }
```

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

```
.background{ background-color: rgb(0, 109,  
187) }
```

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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