

Converting Colors

Android(4278221486)

Have a look what the booklet for
Android(4278221486) contains.

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Color

Android(4278221486)

Conversions

Conversions Part 1

Format	Color
Hex	007AAE
RGB	0, 122, 174
RGB Percent	0%, 48%, 68%
CMY	1.0000, 0.5216, 0.3176
CMYK	1.00, 0.30, 0.00, 0.32
HSL	198°, 100%, 34%
HSV	198°, 100%, 68%
XYZ	14.5995, 16.9751, 42.5514
YIQ	91.4500, -89.4040, -9.6920

Conversions

Conversions Part 2

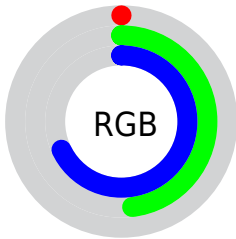
Format	Color
RYB	0, 72, 174
Decimal	31406
CIELab	48.23, -9.07, -35.48
CIELCh	48, 36.625, 255.658
Yxy	16.9751, 0.1970, 0.2290
Android (android.graphics.Color)	4278221486 (0xFF007AAE)
YUV	91.4500, 40.6972, -80.2016
Hunter-Lab	41.2008, -8.8499, -32.3931

Details

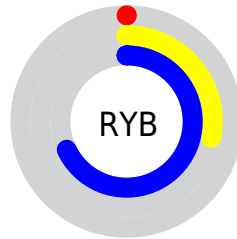
The Android color `4278221486` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289606656`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4284198630`, and `4278209145` is the 20% darker color. If you saturate the color by 10%, you get `4278221486`, and if you desaturate by 10%, it is `4279336878`.

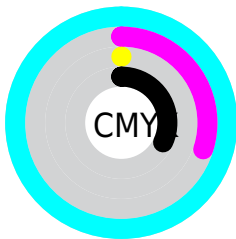
Distribution



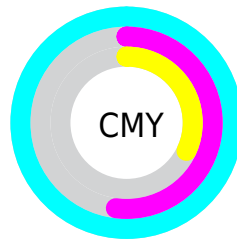
- Red (0%)
- Green (48%)
- Blue (68%)



- Red (0%)
- Yellow (28%)
- Blue (68%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (52%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221486 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 4278221486 by changing the saturation by 10% instead.

 4278221486

 4278221486

4294967295

 4278215059

 4284198630

 4278209145

 4286171903

 4278203232

 4288145151

 4278198088

 4290117631

 4278191153

 4292083711

 4278190363

 4294049791

 4278190080

 4278221486

 4279336878

■ 4280517806

■ 4281633454

■ 4282814382

■ 4283929774

■ 4285045166

■ 4286226094

■ 4287341742

■ 4288522670

Harmonies

Analogous

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



4278223006



4278221486



4284313774

Triad

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



4278221486



4289550691



4283596102

Complementary

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



4278221486



4289606656

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.



4285888053



4278221486



4289093704

Square

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



4278221486



4288961411



4287786038



4280320354

Rectangle

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



4278221486



4286408869



4287786038



4284447550

Sweetspot

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



4278221486



4288663523



4278234673



4283000435



4294111986



4285756275

Same Dimension

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



4278221486



4278231011



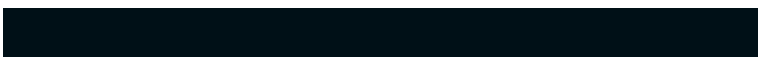
4278199982



4283323479



4278217110



4278194199

Inverse Universe

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



4289593466



4293066911



4289628160



4283911764



4288020585



4279697424

Previews

White Background



This preview shows how the Android color 4278221486 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 4278221486 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 4278221486 Background



This preview shows how black text looks on a background with the Android color 4278221486.



This preview shows how white text looks on a background with the Android color 4278221486.

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
4278221486

Protanomaly
4282283177

Deuteranomaly
4281693615

Tritanomaly
4278222230

Monochromacy



Original Color
4278221486

Achromatopsia
4284177243

Achromatomaly
4282017401

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221486 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, 122, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 174)  
}
```

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, 122, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 174) }
```

Border

The CSS property to change the border of an element to Android 4278221486 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, 122, 174) }
```

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

```
.border{ border-color:rgb(0, 122, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4278221486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 174) }
```

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

```
.background{ background-color: rgb(0, 122,  
174) }
```

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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