

Converting Colors

Android(4278218123)

Have a look what the booklet for
Android(4278218123) contains.

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Color

Android(4278218123)

Conversions

Conversions Part 1

Format	Color
Hex	006D8B
RGB	0, 109, 139
RGB Percent	0%, 43%, 55%
CMY	1.0000, 0.5725, 0.4549
CMYK	1.00, 0.22, 0.00, 0.45
HSL	193°, 100%, 27%
HSV	193°, 100%, 55%
XYZ	10.1288, 12.8014, 26.3632
YIQ	79.8290, -74.5940, -13.7780

Conversions

Conversions Part 2

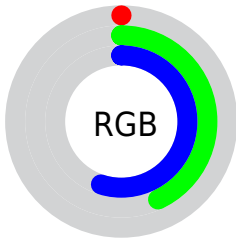
Format	Color
RYB	0, 61, 139
Decimal	28043
CIELab	42.46, -14.94, -23.86
CIELCh	42, 28.150, 237.943
Yxy	12.8014, 0.2055, 0.2597
Android (android.graphics.Color)	4278218123 (0xFF006D8B)
YUV	79.8290, 29.1713, -70.0100
Hunter-Lab	35.7790, -12.0808, -18.6416

Details

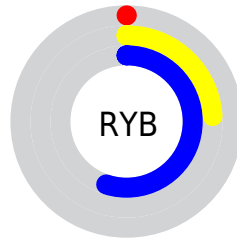
The Android color `4278218123` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287307264`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4283539905`, and `4278205785` is the 20% darker color. If you saturate the color by 10%, you get `4278218123`, and if you desaturate by 10%, it is `4279136395`.

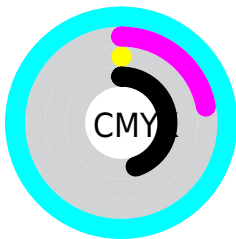
Distribution



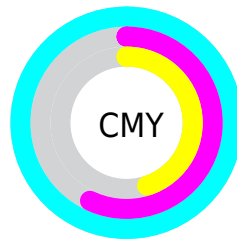
- Red (0%)
- Green (43%)
- Blue (55%)



- Red (0%)
- Yellow (24%)
- Blue (55%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218123 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 4278218123 by changing the saturation by 10% instead.

 4278218123

 4278218123

4294967295

 4278211953

 4283539905

 4278205785

 4285512925


 4278200129

 4287354873

 4278194731

 4289262847

 4278190358

 4291166207

 4278190080

 4293066751

 4278218123

 4279136395

■ 4280054667

■ 4280972939

■ 4281891211

■ 4282809483

■ 4283662219

■ 4284580491

■ 4285498763

■ 4286417035

Harmonies

Analogous

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



4278218873



4278218123



4282214290

Triad

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



4278218123



4287582823



4284311866

Complementary

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



4278218123



4287307264

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.



4285817397



4278218123



4287648848

Square

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



4278218123



4286601085



4287060542



4282478155

Rectangle

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



4278218123



4283982480



4287060542



4284835639

Sweetspot

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



4278218123



4286556597



4278225692



4282078556



4292598747



4284243036

Same Dimension

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



4278218123



4278226613



4278200971



4282270533



4278216837



4278191109

Inverse Universe

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



4287299693



4290052238



4287324416



4282728003



4286906472



4278517764

Previews

White Background



This preview shows how the Android color 4278218123 looks on a white background.

Color Contrast Check

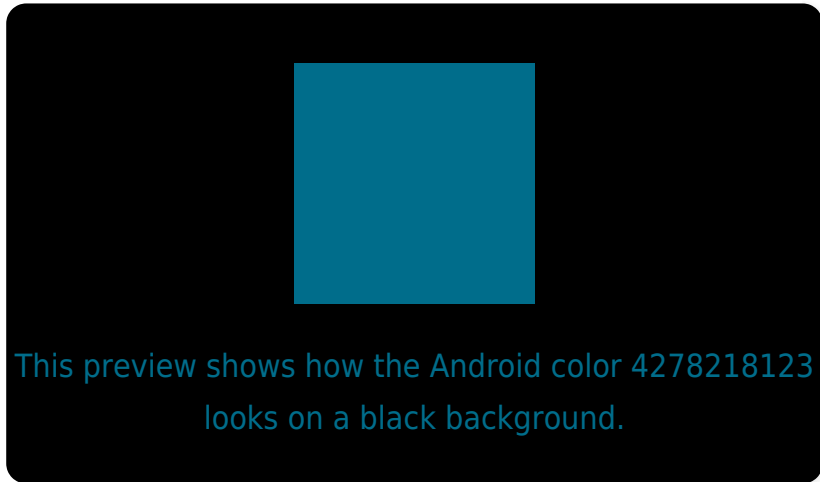
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

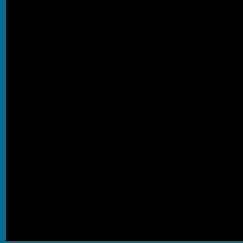
Any Text WCAG AA × Fail

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 4278218123 Background



This preview shows how black text looks on a background with the Android color 4278218123.



This preview shows how white text looks on a background with the Android color 4278218123.

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

4278218123

Protanomaly

4282017670

Deuteranomaly

4281755532

Tritanomaly

4278218367

Monochromacy



Original Color

4278218123

Achromatopsia

4283453520

Achromatomaly

4281555813

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218123 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 139) }
```

Border

The CSS property to change the border of an element to Android 4278218123 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, 139) }
```

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

```
.border{ border-color:rgb(0, 109, 139) }
```

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, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
139) }
```

Background

The CSS property to change the background color of an element to Android 4278218123 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, 139) }
```

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

```
.background{ background-color: rgb(0, 109,  
139) }
```

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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