Converting Colors

Android(4278218903)

Have a look what the booklet for Android(4278218903) contains.

Color

Android(4278218903)

Conversions

Conversions Part 1

Format	Color
Hex	007097
RGB	0, 112, 151
RGB Percent	0%, 44%, 59%
CMY	1.0000, 0.5608, 0.4078
CMYK	1.00, 0.26, 0.00, 0.41
HSL	195°, 100%, 30%
HSV	195°, 100%, 59%
XYZ	11.3801, 13.8227, 31.3464
YIQ	82.9580, -79.2710, -11.6150

Conversions

Conversions Part 2

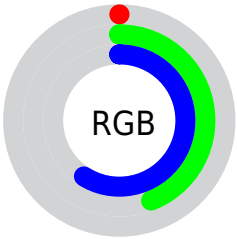
Format	Color
RYB	0, 64, 151
Decimal	28823
CIELab	43.98, -12.09, -28.65
CIELCh	44, 31.096, 247.126
Yxy	13.8227, 0.2012, 0.2444
Android (android.graphics.Color)	4278218903 (0xFF007097)
YUV	82.9580, 33.5447, -72.7542
Hunter-Lab	37.1789, -10.4260, -23.9636

Details

The Android color 4278218903 is a dark color, and the websafe version is hex 006699. A complement of this color would be 4288096000, and the grayscale version is 4283650899.

A 20% lighter version of the original color is 4283737293, and 4278206564 is the 20% darker color. If you saturate the color by 10%, you get 4278218903, and if you desaturate by 10%, it is 4279202967.

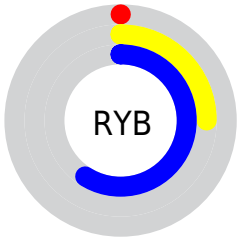
Distribution



Red (0%)

Green (44%)

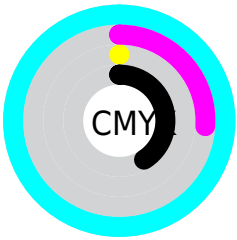
Blue (59%)



Red (0%)

Yellow (25%)

Blue (59%)

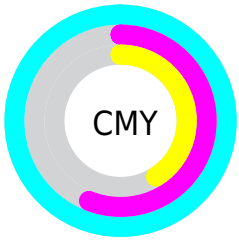


Cyan (100%)

Magenta (26%)

Yellow (0%)

Black (41%)



Cyan (100%)

Magenta (56%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218903 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 4278218903 by changing the saturation by 10% instead.

4278218903

4294967295

4283737293

4285710314

4287618047

4289525759

4291428351

4293394431

4278218903

4278212733

4278206564

4278200908

4278196021

4278190623

4278190082

4278190080

4278218903

4279202967

4280187031

4281171095

4282155159

4283204759

4284188567

4285172631

4286156695

4287140759

Harmonies

Analogous

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

4278219910

4278218903

4283066779

Triad

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

4278218903

4288238435

4283854910

Complementary

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

4278218903

4288096000

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.

4285687860

4278218903

4288042826

Square

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

4278218903

4287452797

4287127353

4281693267

Rectangle

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

4278218903

4284965526

4287127353

4284509497

Sweetspot

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

4278218903

4287215044

4278228774

4282407523

4293125091

4284703587

Same Dimension

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

4278218903

4278227652

4278199959

4282731341

4278216844

4278192397

Inverse Universe

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

4288086128

4291035282

4288114944

4283254091

4287365224

4279042057

Previews

White Background

This preview shows how the Android color 4278218903 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

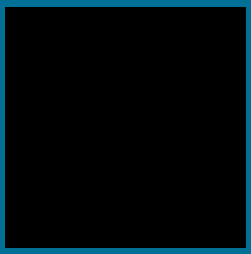
This preview shows how the Android color 4278218903 looks on a black background.

Color Contrast Check

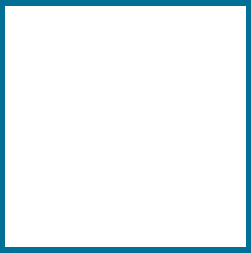
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4278218903 Background



This preview shows how black text looks on a background with the Android color 4278218903.



This preview shows how white text looks on a background with the Android color 4278218903.

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

Original Color
4278218903

Protanopia
4284245647

Deuteranopia
4283590553

Tritanopia
4278219644

Trichromacy

Original Color
4278218903

Protanomaly
4282083986

Deuteranomaly
4281625240

Tritanomaly
4278219398

Monochromacy

Original Color
4278218903

Achromatopsia
4283650899

Achromatomaly
4281687660

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218903 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, 112, 151) looks like.

```
.text, #text, p{
    color:rgb(0, 112, 151)
}
```

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, 112, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 151) }
```

Border

The CSS property to change the border of an element to Android 4278218903 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, 112, 151) }
```

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

```
.border{ border-color:rgb(0, 112, 151) }
```

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

Here you see how a box with a 4 pixel rgb(0, 112, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 112, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 112, 151); box-shadow:4px 4px 4px 4px rgb(0, 112, 151) }
```

Background

The CSS property to change the background color of an element to Android 4278218903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 112, 151) }
```

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

```
.background{ background-color:rgb(0, 112,
151) }
```

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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