

Converting Colors

Android(4278208879)

Have a look what the booklet for
Android(4278208879) contains.

Android(4278208879)	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(4278208879)

Conversions

Conversions Part 1

Format	Color
Hex	00496F
RGB	0, 73, 111
RGB Percent	0%, 29%, 44%
CMY	1.0000, 0.7137, 0.5647
CMYK	1.00, 0.34, 0.00, 0.56
HSL	201°, 100%, 22%
HSV	201°, 100%, 44%
XYZ	5.2518, 5.9128, 15.9034
YIQ	55.5050, -55.7060, -3.6580

Conversions

Conversions Part 2

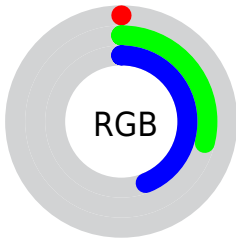
Format	Color
RYB	0, 44, 111
Decimal	18799
CIELab	29.19, -4.35, -27.41
CIELCh	29, 27.754, 260.983
Yxy	5.9128, 0.1940, 0.2184
Android (android.graphics.Color)	4278208879 (0xFF00496F)
YUV	55.5050, 27.3590, -48.6779
Hunter-Lab	24.3162, -4.0012, -21.7558

Details

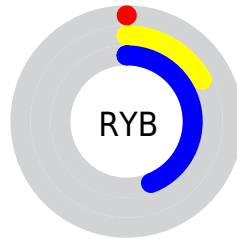
The Android color **4278208879** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4285474304**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4282874275**, and **4278197823** is the 20% darker color. If you saturate the color by 10%, you get **4278208879**, and if you desaturate by 10%, it is **4278930799**.

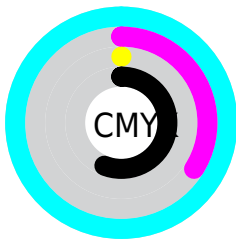
Distribution



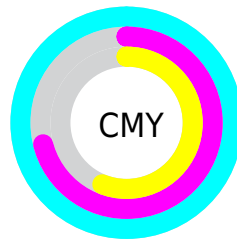
- Red (0%)
- Green (29%)
- Blue (44%)



- Red (0%)
- Yellow (17%)
- Blue (44%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208879 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 4278208879 by changing the saturation by 10% instead.

 4278208879

 4278208879

4294967295

 4278203222

 4282874275

 4278197823

 4284715966

 4278190889

 4286492378

 4278190355

 4288334327

 4278190080

 4290176511

 4292083711

 4293984255

 4278208879

■ 4278930799

■ 4279652719

■ 4280374383

■ 4281096303

■ 4281883759

■ 4282605679

■ 4283327599

■ 4284049263

■ 4284771183

Harmonies

Analogous

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



4278210150



4278208879



4282139245

Triad

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



4278208879



4285346615



4280896809

Complementary

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



4278208879



4285474304

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.



4282533915



4278208879



4284889380

Square

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



4278208879



4285084492



4283908377



4278210365

Rectangle

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



4278208879



4283513957



4283908377



4281486371

Sweetspot

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



4278208879



4284908177



4278218533



4281286986



4291414473



4283058762

Same Dimension

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



4278208879



4278214801



4278195055



4281480760



4278210424



4278232055

Inverse Universe

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



4285464649



4287692896



4285488384



4281872950



4286054479



4294377635

Previews

White Background



This preview shows how the Android color 4278208879 looks on a white background.

Color Contrast Check

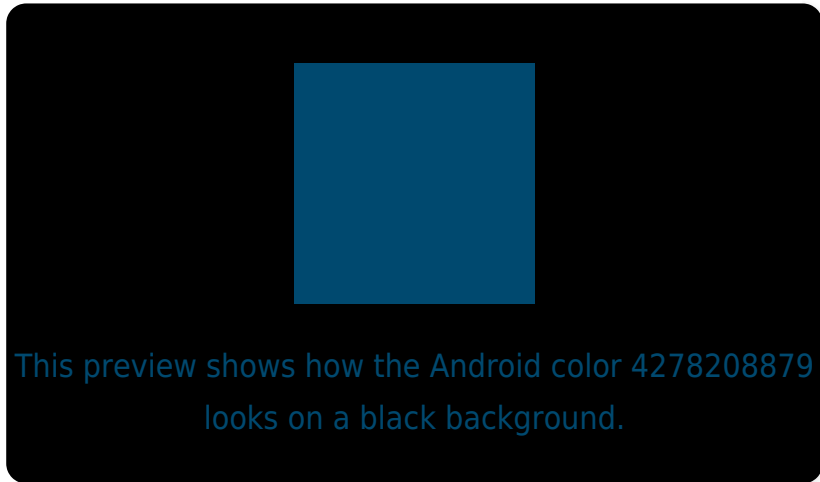
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

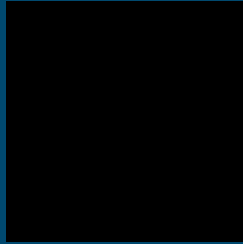
Any Text WCAG AA × Fail

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 4278208879 Background



This preview shows how black text looks on a background with the Android color 4278208879.



This preview shows how white text looks on a background with the Android color 4278208879.

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

4278208879

Protanopia

4281812074

Deuteranopia

4281091440

Trichromacy



Original Color
4278208879

Protanomaly
4280501868

Deuteranomaly
4280043120

Tritanomaly
4278209629

Monochromacy



Original Color
4278208879

Achromatopsia
4281874488

Achromatomaly
4280565324

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208879 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, 73, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 111)  
}
```

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, 73, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 111) }
```

Border

The CSS property to change the border of an element to Android 4278208879 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, 73, 111) }
```

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

```
.border{ border-color:rgb(0, 73, 111) }
```

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

Here you see how a box with a 4 pixel rgb(0, 73, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 111)  
}
```

Background

The CSS property to change the background color of an element to Android 4278208879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 111) }
```

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

```
.background{ background-color: rgb(0, 73,  
111) }
```

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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