

Converting Colors

Android(4278212983)

Have a look what the booklet for
Android(4278212983) contains.

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Color

Android(4278212983)

Conversions

Conversions Part 1

Format	Color
Hex	005977
RGB	0, 89, 119
RGB Percent	0%, 35%, 47%
CMY	1.0000, 0.6510, 0.5333
CMYK	1.00, 0.25, 0.00, 0.53
HSL	195°, 100%, 23%
HSV	195°, 100%, 47%
XYZ	6.9022, 8.4767, 18.7251
YIQ	65.8090, -62.6740, -9.5380

Conversions

Conversions Part 2

Format	Color
RYB	0, 51, 119
Decimal	22903
CIELab	34.96, -11.04, -23.36
CIElCh	35, 25.841, 244.713
Yxy	8.4767, 0.2024, 0.2486
Android (android.graphics.Color)	4278212983 (0xFF005977)
YUV	65.8090, 26.2232, -57.7145
Hunter-Lab	29.1147, -8.6342, -17.7521

Details

The Android color `4278212983` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4285996544`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4283141035`, and `4278201414` is the 20% darker color. If you saturate the color by 10%, you get `4278212983`, and if you desaturate by 10%, it is `4279000183`.

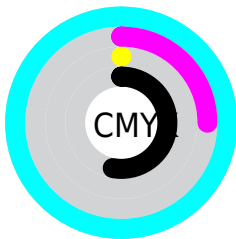
Distribution



- Red (0%)
- Green (35%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212983 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 4278212983 by changing the saturation by 10% instead.

 4278212983

 4278212983

4294967295

 4278207070

 4283141035

 4278201414

 4284982727

 4278196272

 4286759139

 4278190363

 4288601343

 4278190080

 4290509311

 4292411391

 4294311935

 4278212983

■ 4279000183

■ 4279787383

■ 4280574583

■ 4281361783

■ 4282083447

■ 4282870647

■ 4283657847

■ 4284445047

■ 4285232247

Harmonies

Analogous

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



4278213737



4278212983



4281881467

Triad

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



4278212983



4286136912



4282800175

Complementary

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



4278212983



4285996544

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.



4284240424



4278212983



4286071868

Square

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



4278212983



4285482340



4285352749



4281097280

Rectangle

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



4278212983



4283387512



4285352749



4283323948

Sweetspot

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



4278212983



4285370524



4278220574



4281550927



4291809231



4283387727

Same Dimension

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



4278212983



4278219932



4278197879



4281678139



4278213754



4278238202

Inverse Universe

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



4285988953



4288413812



4286011648



4282070329



4286185564



4294574267

Previews

White Background



This preview shows how the Android color 4278212983 looks on a white background.

Color Contrast Check

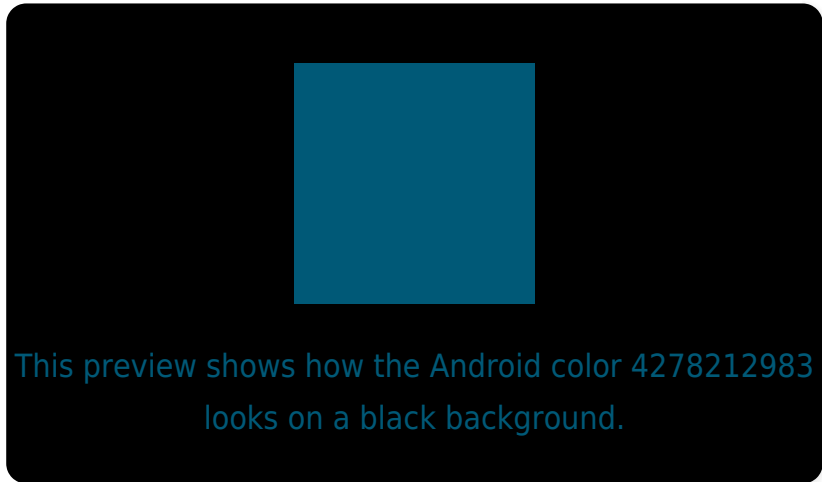
Large Text (above 18pt) WCAG AA ✓ Pass

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

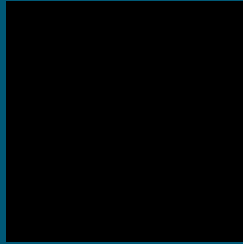
Any Text WCAG AA × Fail

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 4278212983 Background



This preview shows how black text looks on a background with the Android color 4278212983.

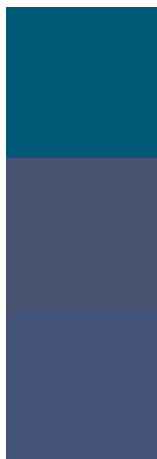


This preview shows how white text looks on a background with the Android color 4278212983.

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
4278212983

Protanopia
4282995057

Deuteranopia
4282536569

Trichromacy



Original Color
4278212983

Protanomaly
4281226355

Deuteranomaly
4280964472

Tritanomaly
4278213482

Monochromacy



Original Color
4278212983

Achromatopsia
4282532418

Achromatomaly
4280961621

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212983 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, 89, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 119)  
}
```

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, 89, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 119) }
```

Border

The CSS property to change the border of an element to Android 4278212983 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, 89, 119) }
```

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

```
.border{ border-color:rgb(0, 89, 119) }
```

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

Here you see how a box with a 4 pixel rgb(0, 89, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 119)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 119) }
```

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

```
.background{ background-color: rgb(0, 89,  
119) }
```

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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