

# Converting Colors

Android(4278222739)

Have a look what the booklet for  
Android(4278222739) contains.

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# Color

**Android(4278222739)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007F93
RGB	0, 127, 147
RGB Percent	0%, 50%, 58%
CMY	1.0000, 0.5020, 0.4235
CMYK	1.00, 0.14, 0.00, 0.42
HSL	188°, 100%, 29%
HSV	188°, 100%, 58%
XYZ	12.8558, 17.2853, 30.2626
YIQ	91.3070, -82.1120, -20.7040

# Conversions

## Conversions Part 2

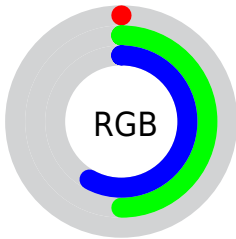
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 147
Decimal	32659
CIELab	48.62, -21.86, -19.11
CIELCh	49, 29.039, 221.155
Yxy	17.2853, 0.2128, 0.2862
Android (android.graphics.Color)	4278222739 (0xFF007F93)
YUV	91.3070, 27.4566, -80.0762
Hunter-Lab	41.5756, -17.5624, -14.0538

# Details

The Android color `4278222739` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287828992`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4283806921`, and `4278210144` is the 20% darker color. If you saturate the color by 10%, you get `4278222739`, and if you desaturate by 10%, it is `4279206291`.

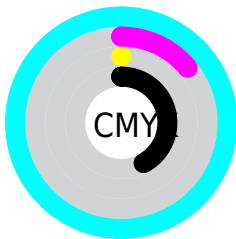
# Distribution



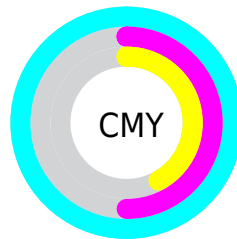
- Red (0%)
- Green (50%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (50%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278222739 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 4278222739 by changing the saturation by 10% instead.



 4278222739

 4278222739

4294967295

 4278216313

 4283806921

 4278210144

 4285780197


 4278203977

 4287687935

 4278198834

 4289593343

 4278190621

 4291559423

 4278190080

 4293525503

 4278222739

 4279206291

■ 4280124307

■ 4281107859

■ 4282091411

■ 4283074963

■ 4283992979

■ 4284976531

■ 4285960083

■ 4286878099

# Harmonies

## Analogous

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



4279992700



4278222739



4281563809

# Triad

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



4278222739



4288242308



4286281027

# Complementary

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



4278222739



4287828992

# 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.



4287720773



4278222739



4288897131

# Square

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



4278222739



4286737049



4288636244



4284513102

# Rectangle

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



4278222739



4283528868



4288636244



4286804546



# Sweetspot

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



4278222739



4287018943



4278227732



4282276961



4292927712



4284572001



# Same Dimension

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



4278222739



4278232511



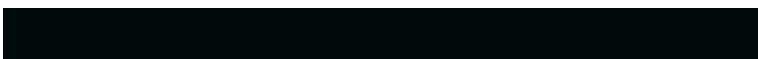
4278204051



4282599754



4278220682



4278192394



# Inverse Universe

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



4287823999



4290707621



4287847680



4283056969



4287234167



4278845449



# Previews

## White Background



This preview shows how the Android color 4278222739 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 4278222739 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

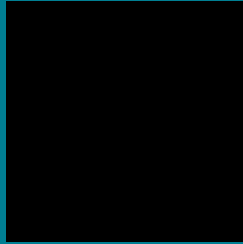
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278222739 Background



This preview shows how black text looks on a background with the Android color 4278222739.

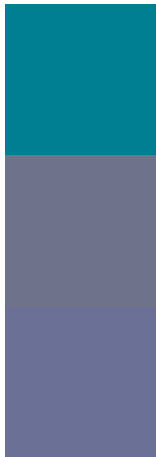


This preview shows how white text looks on a background with the Android color 4278222739.

# 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**  
4278222739

**Protanopia**  
4285428362

**Deuteranopia**  
4285231510



# Trichromacy



**Original Color**  
4278222739

**Protanomaly**  
4282808205

**Deuteranomaly**  
4282676885

**Tritanomaly**  
4278222989

# Monochromacy



**Original Color**  
4278222739

**Achromatopsia**  
4284177243

**Achromatomaly**  
4282017903

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278222739 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, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 147)  
}
```

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, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 147) }
```

## Border

The CSS property to change the border of an element to Android 4278222739 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, 127, 147) }
```

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

```
.border{ border-color:rgb(0, 127, 147) }
```

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

Here you see how a box with a 4 pixel rgb(0, 127, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4278222739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 147) }
```

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

```
.background{ background-color: rgb(0, 127,  
147) }
```

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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