

Converting Colors

Android(4278227612)

Have a look what the booklet for
Android(4278227612) contains.

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Color

Android(4278227612)

Conversions

Conversions Part 1

Format	Color
Hex	00929C
RGB	0, 146, 156
RGB Percent	0%, 57%, 61%
CMY	1.0000, 0.4275, 0.3882
CMYK	1.00, 0.06, 0.00, 0.39
HSL	184°, 100%, 31%
HSV	184°, 100%, 61%
XYZ	16.2796, 22.9581, 35.0258
YIQ	103.4860, -90.2260, -27.8420

Conversions

Conversions Part 2

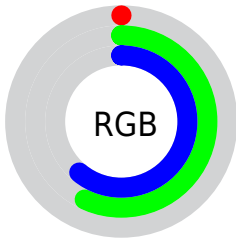
Format	Color
RYB	0, 75, 156
Decimal	37532
CIELab	55.03, -28.48, -14.57
CIELCh	55, 31.995, 207.096
Yxy	22.9581, 0.2192, 0.3091
Android (android.graphics.Color)	4278227612 (0xFF00929C)
YUV	103.4860, 25.8894, -90.7572
Hunter-Lab	47.9146, -23.2027, -9.8011

Details

The Android color `4278227612` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288416256`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284139730`, and `4278214505` is the 20% darker color. If you saturate the color by 10%, you get `4278227612`, and if you desaturate by 10%, it is `4279276444`.

Distribution



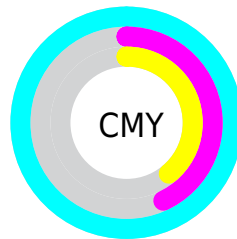
- Red (0%)
- Green (57%)
- Blue (61%)



- Red (0%)
- Yellow (29%)
- Blue (61%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278227612 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 4278227612 by changing the saturation by 10% instead.

 4278227612

 4278227612

4294967295

 4278220930

 4284139730

 4278214505

 4286113263

 4278208337

 4288086015

 4278202426

 4290052095

 4278197028

 4292018175

 4278190350

 4293984255

 4278190080

 4278227612

 4279276444

■ 4280259740

■ 4281308572

■ 4282291868

■ 4283340700

■ 4284389532

■ 4285372828

■ 4286421660

■ 4287404956

Harmonies

Analogous

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



4281700992



4278227612



4280323761

Triad

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



4278227612



4288967842



4288184652

Complementary

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



4278227612



4288416256

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.



4289623894



4278227612



4290145928

Square

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



4278227612



4286807733



4290343020



4286351953

Rectangle

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



4278227612



4282747577



4290343020



4288708174

Sweetspot

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



4278227612



4287613132



4278230024



4282475622



4293322470



4284900966

Same Dimension

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



4278227612



4278239180



4278208156



4282863439



4278224527



4278193679

Inverse Universe

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



4288413842



4291559615



4288435712



4283385679



4287561862



4279173134

Previews

White Background



This preview shows how the Android color 4278227612 looks on a white background.

Color Contrast Check

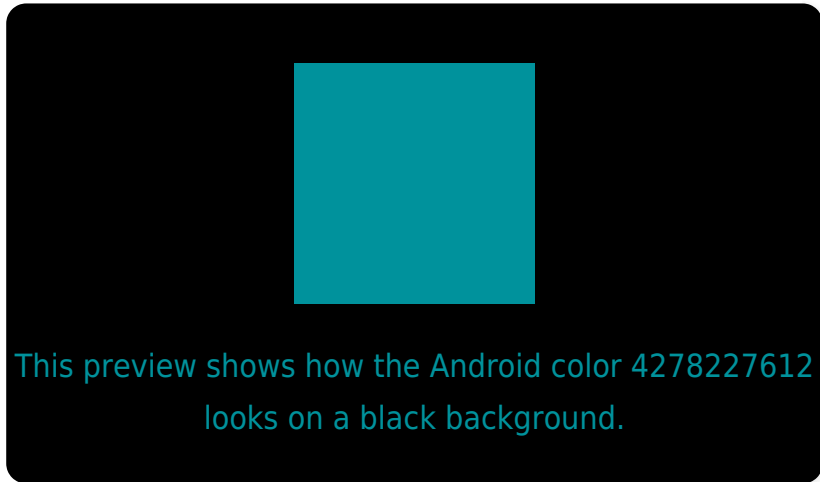
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

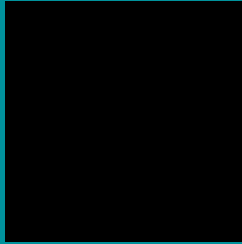
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4278227612 Background



This preview shows how black text looks on a background with the Android color 4278227612.

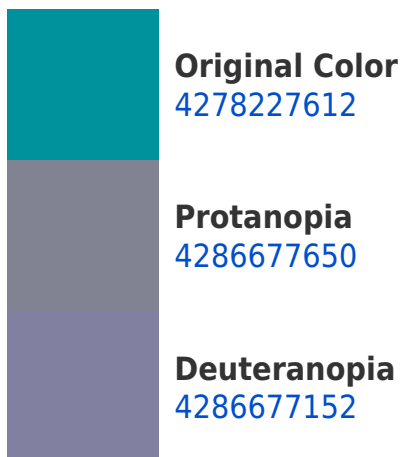


This preview shows how white text looks on a background with the Android color 4278227612.

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
4278227612



Protanomaly
4283598998



Deuteranomaly
4283598751



Tritanomaly
4278751901

Monochromacy



Original Color
4278227612



Achromatopsia
4284966759



Achromatomaly
4282546042

CSS Examples

Text

The CSS property to change the color of the text to Android 4278227612 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, 146, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 156)  
}
```

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, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 156) }
```

Border

The CSS property to change the border of an element to Android 4278227612 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, 146, 156) }
```

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

```
.border{ border-color:rgb(0, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4278227612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 156) }
```

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

```
.background{ background-color: rgb(0, 146,  
156) }
```

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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