

Converting Colors

Android(4278223510)

Have a look what the booklet for
Android(4278223510) contains.

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Color

Android(4278223510)

Conversions

Conversions Part 1

Format	Color
Hex	008296
RGB	0, 130, 150
RGB Percent	0%, 51%, 59%
CMY	1.0000, 0.4902, 0.4118
CMYK	1.00, 0.13, 0.00, 0.41
HSL	188°, 100%, 29%
HSV	188°, 100%, 59%
XYZ	13.4877, 18.1673, 31.6499
YIQ	93.4100, -83.9000, -21.3400

Conversions

Conversions Part 2

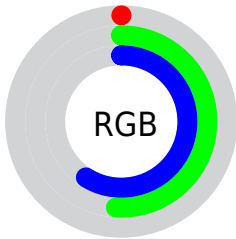
Format	Color
RYB	0, 70, 150
Decimal	33430
CIELab	49.70, -22.39, -19.21
CIELCh	50, 29.500, 220.638
Yxy	18.1673, 0.2131, 0.2870
Android (android.graphics.Color)	4278223510 (0xFF008296)
YUV	93.4100, 27.8989, -81.9206
Hunter-Lab	42.6231, -18.1058, -14.1898

Details

The Android color **4278223510** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **4288025600**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4283873228**, and **4278210659** is the 20% darker color. If you saturate the color by 10%, you get **4278223510**, and if you desaturate by 10%, it is **4279207062**.

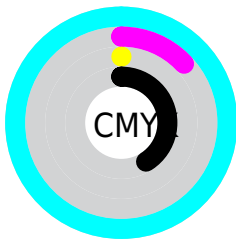
Distribution



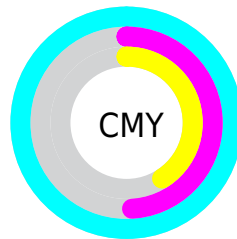
- Red (0%)
- Green (51%)
- Blue (59%)



- Red (0%)
- Yellow (27%)
- Blue (59%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223510 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 4278223510 by changing the saturation by 10% instead.

 4278223510

 4278223510

4294967295

 4278217084

 4283873228

 4278210659

 4285846504

 4278204747

 4287819775

 4278199348

 4289724415

 4278190624

 4291624959

 4278190084

 4293591039

 4278190080

 4278223510

 4279207062

■ 4280190614

■ 4281174166

■ 4282157718

■ 4283141270

■ 4284124822

■ 4285108374

■ 4286091926

■ 4287075478

Harmonies

Analogous

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



4280059007



4278223510



4281564581

Triad

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



4278223510



4288505223



4286478404

Complementary

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



4278223510



4288025600

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.



4287917895



4278223510



4289160046

Square

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



4278223510



4286934172



4288898903



4284644943

Rectangle

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



4278223510



4283594920



4288898903



4287001924

Sweetspot

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



4278223510



4287150786



4278228500



4282276961



4292927712



4284572001

Same Dimension

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



4278223510



4278233282



4278204310



4282599754



4278220682



4278192394

Inverse Universe

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



4288020610



4290904232



4288044800



4283056969



4287234167



4278845449

Previews

White Background



This preview shows how the Android color 4278223510 looks on a white background.

Color Contrast Check

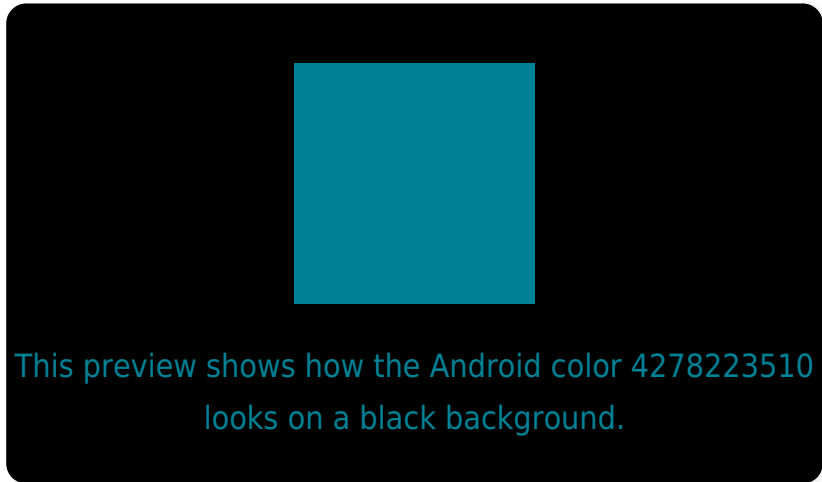
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

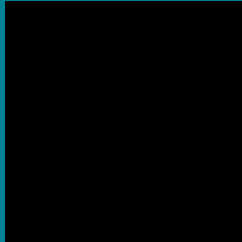
Any Text WCAG AA ✓ Pass

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 4278223510 Background



This preview shows how black text looks on a background with the Android color 4278223510.

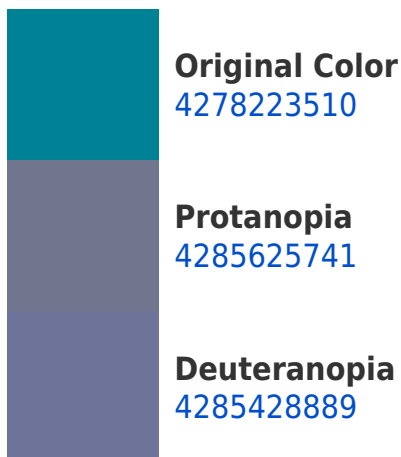


This preview shows how white text looks on a background with the Android color 4278223510.

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
4278223510

Protanomaly
4282940048

Deuteranomaly
4282808728

Tritanomaly
4278223760

Monochromacy



Original Color
4278223510

Achromatopsia
4284308829

Achromatomaly
4282083954

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223510 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, 130, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 150)  
}
```

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, 130, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 150) }
```

Border

The CSS property to change the border of an element to Android 4278223510 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, 130, 150) }
```

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

```
.border{ border-color:rgb(0, 130, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 130, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4278223510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 150) }
```

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

```
.background{ background-color: rgb(0, 130,  
150) }
```

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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