

Converting Colors

Android(4278215553)

Have a look what the booklet for
Android(4278215553) contains.

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Color

Android(4278215553)

Conversions

Conversions Part 1

Format	Color
Hex	006381
RGB	0, 99, 129
RGB Percent	0%, 39%, 51%
CMY	1.0000, 0.6118, 0.4941
CMYK	1.00, 0.23, 0.00, 0.49
HSL	194°, 100%, 25%
HSV	194°, 100%, 51%
XYZ	8.4243, 10.5087, 22.3532
YIQ	72.8190, -68.6340, -11.6580

Conversions

Conversions Part 2

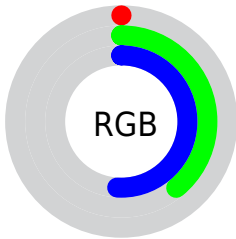
Format	Color
RYB	0, 56, 129
Decimal	25473
CIELab	38.74, -13.02, -23.60
CIELCh	39, 26.957, 241.120
Yxy	10.5087, 0.2040, 0.2545
Android (android.graphics.Color)	4278215553 (0xFF006381)
YUV	72.8190, 27.6972, -63.8623
Hunter-Lab	32.4171, -10.3427, -18.1916

Details

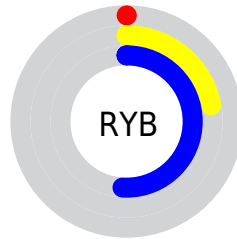
The Android color `4278215553` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286651904`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4283340470`, and `4278203472` is the 20% darker color. If you saturate the color by 10%, you get `4278215553`, and if you desaturate by 10%, it is `4279068289`.

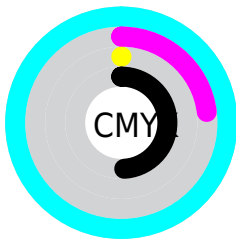
Distribution



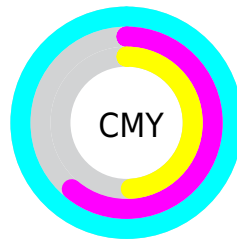
- Red (0%)
- Green (39%)
- Blue (51%)



- Red (0%)
- Yellow (22%)
- Blue (51%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278215553 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 4278215553 by changing the saturation by 10% instead.

 4278215553

 4278215553

4294967295

 4278209384

 4283340470

 4278203472

 4285247954

 4278198072

 4287089902

 4278190627

 4288932095

 4278190090

 4290838527

 4278190080

 4292739071

 4294705151

 4278215553

■ 4279068289

■ 4279921025

■ 4280773761

■ 4281626497

■ 4282479233

■ 4283266433

■ 4284119169

■ 4284971905

■ 4285824641

Harmonies

Analogous

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



4278216305



4278215553



4282080647

Triad

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



4278215553



4286859867



4283588917

Complementary

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



4278215553



4286651904

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.



4285028911



4278215553



4286860358

Square

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



4278215553



4286008945



4286206517



4281820485

Rectangle

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



4278215553



4283717764



4286206517



4284112689

Sweetspot

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



4278215553



4285963688



4278223132



4281748820



4292138196



4283716692

Same Dimension

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



4278215553



4278223272



4278199681



4281941568



4278215296



4278190080

Inverse Universe

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



4286644323



4289200257



4286667776



4282399038



4286578786



4278190080

Previews

White Background



This preview shows how the Android color 4278215553 looks on a white background.

Color Contrast Check

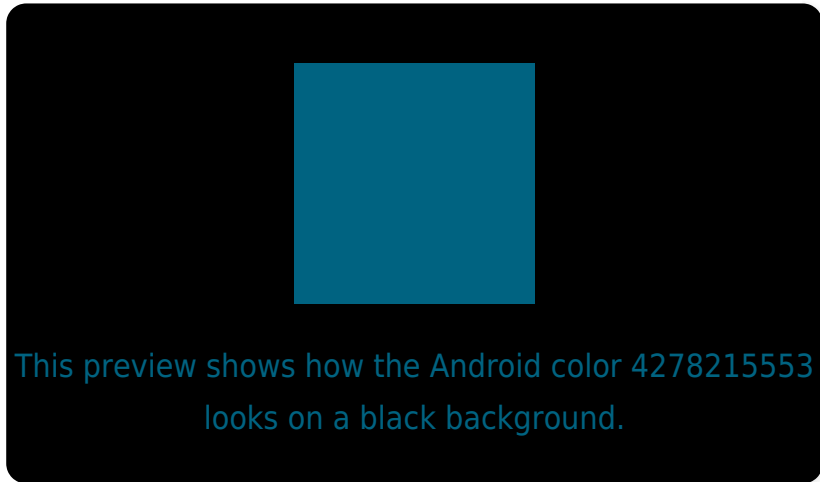
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 4278215553 Background



This preview shows how black text looks on a background with the Android color 4278215553.

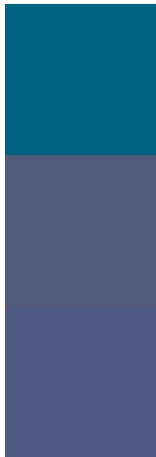


This preview shows how white text looks on a background with the Android color 4278215553.

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
4278215553

Protanopia
4283587194

Deuteranopia
4283193987

Trichromacy



Original Color
4278215553

Protanomaly
4281621885

Deuteranomaly
4281359746

Tritanomaly
4278215796

Monochromacy



Original Color
4278215553

Achromatopsia
4282992969

Achromatomaly
4281225821

CSS Examples

Text

The CSS property to change the color of the text to Android 4278215553 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, 99, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 129)  
}
```

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, 99, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 129) }
```

Border

The CSS property to change the border of an element to Android 4278215553 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, 99, 129) }
```

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

```
.border{ border-color:rgb(0, 99, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 129)  
}
```

Background

The CSS property to change the background color of an element to Android 4278215553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 129) }
```

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

```
.background{ background-color: rgb(0, 99,  
129) }
```

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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