

Converting Colors

Android(4278213240)

Have a look what the booklet for
Android(4278213240) contains.

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Color

Android(4278213240)

Conversions

Conversions Part 1

Format	Color
Hex	005A78
RGB	0, 90, 120
RGB Percent	0%, 35%, 47%
CMY	1.0000, 0.6471, 0.5294
CMYK	1.00, 0.25, 0.00, 0.53
HSL	195°, 100%, 24%
HSV	195°, 100%, 47%
XYZ	7.0463, 8.6684, 19.0711
YIQ	66.5100, -63.2700, -9.7500

Conversions

Conversions Part 2

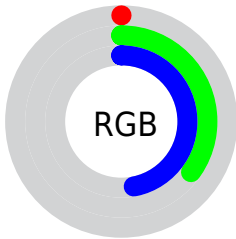
Format	Color
RYB	0, 51, 120
Decimal	23160
CIELab	35.34, -11.24, -23.39
CIELCh	35, 25.948, 244.333
Yxy	8.6684, 0.2026, 0.2492
Android (android.graphics.Color)	4278213240 (0xFF005A78)
YUV	66.5100, 26.3706, -58.3293
Hunter-Lab	29.4421, -8.8037, -17.7955

Details

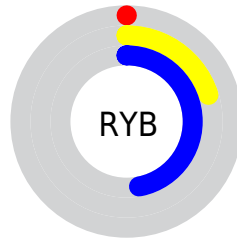
The Android color `4278213240` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286062080`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4283141292`, and `4278201415` is the 20% darker color. If you saturate the color by 10%, you get `4278213240`, and if you desaturate by 10%, it is `4279000440`.

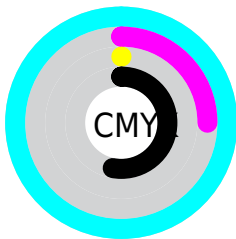
Distribution



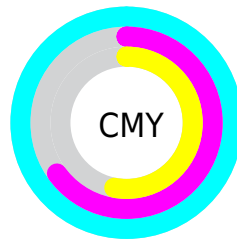
- Red (0%)
- Green (35%)
- Blue (47%)



- 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 4278213240 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 4278213240 by changing the saturation by 10% instead.

 4278213240

 4278213240

4294967295

 4278207327

 4283141292

 4278201415

 4284982984

 4278196529

 4286825188

 4278190364

 4288667135

 4278190080

 4290509567

 4292411391

 4294377471

 4278213240

■ 4279000440

■ 4279787640

■ 4280574840

■ 4281362040

■ 4282149240

■ 4282936440

■ 4283723640

■ 4284510840

■ 4285298040

Harmonies

Analogous

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



4278213994



4278213240



4281881724

Triad

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



4278213240



4286202449



4282865968

Complementary

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



4278213240



4286062080

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.



4284306217



4278213240



4286137661

Square

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



4278213240



4285482341



4285484078



4281162816

Rectangle

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



4278213240



4283387769



4285484078



4283389740

Sweetspot

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



4278213240



4285370524



4278220830



4281550927



4291809231



4283387727

Same Dimension

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



4278213240



4278220188



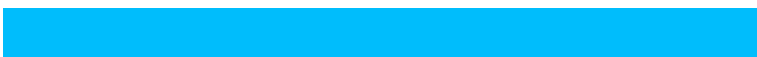
4278197880



4281809981



4278214269



4278238716

Inverse Universe

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



4286054490



4288413813



4286077440



4282201916



4286382174



4294705341

Previews

White Background



This preview shows how the Android color 4278213240 looks on a white background.

Color Contrast Check

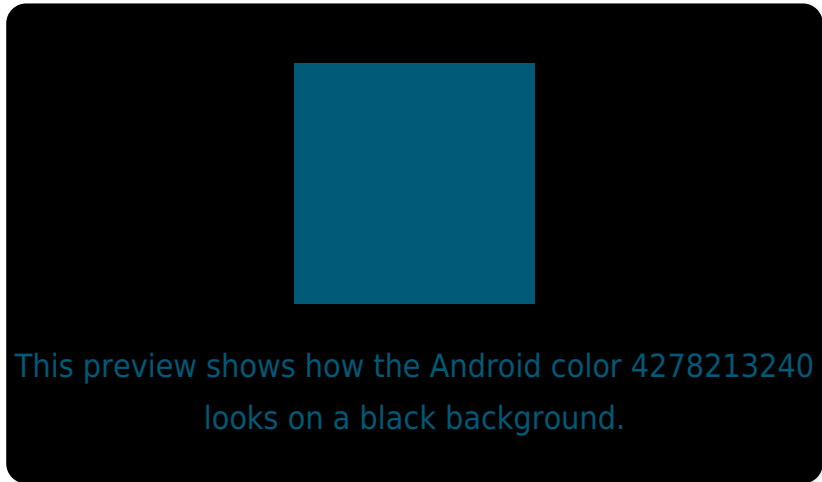
Large Text (above 18pt) WCAG AA ✓ Pass

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

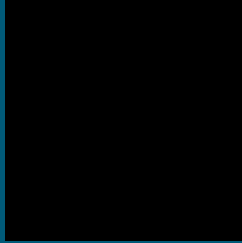
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

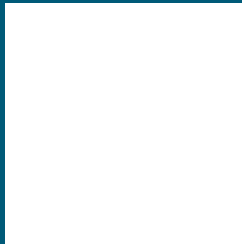
Any Text WCAG AAA × Fail

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

Android 4278213240 Background



This preview shows how black text looks on a background with the Android color 4278213240.



This preview shows how white text looks on a background with the Android color 4278213240.

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
4278213240

Protanomaly
4281292148

Deuteranomaly
4281030265

Tritanomaly
4278213739

Monochromacy



Original Color
4278213240

Achromatopsia
4282598211

Achromatomaly
4281027414

CSS Examples

Text

The CSS property to change the color of the text to Android 4278213240 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, 90, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 120)  
}
```

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, 90, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 120) }
```

Border

The CSS property to change the border of an element to Android 4278213240 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, 90, 120) }
```

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

```
.border{ border-color:rgb(0, 90, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 120)  
}
```

Background

The CSS property to change the background color of an element to Android 4278213240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 120) }
```

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

```
.background{ background-color: rgb(0, 90,  
120) }
```

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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