

Converting Colors

Android(4278216081)

Have a look what the booklet for
Android(4278216081) contains.

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Color

Android(4278216081)

Conversions

Conversions Part 1

Format	Color
Hex	006591
RGB	0, 101, 145
RGB Percent	0%, 40%, 57%
CMY	1.0000, 0.6039, 0.4314
CMYK	1.00, 0.30, 0.00, 0.43
HSL	198°, 100%, 28%
HSV	198°, 100%, 57%
XYZ	9.7645, 11.3517, 28.4645
YIQ	75.8170, -74.3200, -7.7280

Conversions

Conversions Part 2

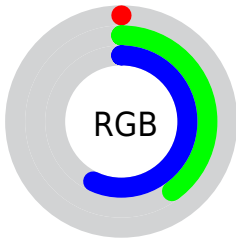
Format	Color
RYB	0, 60, 145
Decimal	26001
CIELab	40.17, -7.92, -31.04
CIELCh	40, 32.038, 255.684
Yxy	11.3517, 0.1969, 0.2290
Android (android.graphics.Color)	4278216081 (0xFF006591)
YUV	75.8170, 34.1072, -66.4915
Hunter-Lab	33.6923, -7.2296, -26.5059

Details

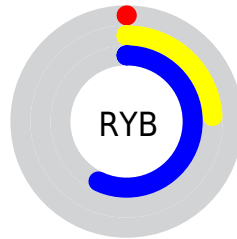
The Android color `4278216081` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287704064`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283603143`, and `4278204254` is the 20% darker color. If you saturate the color by 10%, you get `4278216081`, and if you desaturate by 10%, it is `4279134609`.

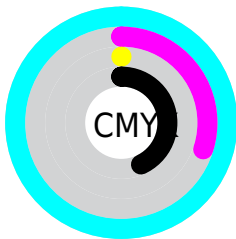
Distribution



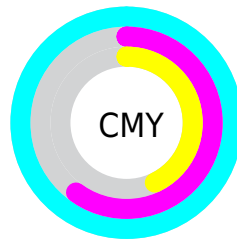
- Red (0%)
- Green (40%)
- Blue (57%)



- Red (0%)
- Yellow (24%)
- Blue (57%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216081 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 4278216081 by changing the saturation by 10% instead.



4278216081



4278216081

4294967295



4278209911



4283603143



4278204254



4285510371



4278198598



4287418111



4278191408



4289325823



4278190362



4291231743



4278190080



4293197823



4278216081



4279134609

■ 4280118929

■ 4281102993

■ 4282021777

■ 4283005841

■ 4283924369

■ 4284908689

■ 4285827217

■ 4286811537

Harmonies

Analogous

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



4278217347



4278216081



4283194769

Triad

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



4278216081



4287646034



4282607673

Complementary

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



4278216081



4287704064

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.



4284572202



4278216081



4287254330

Square

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



4278216081



4287187564



4286142763



4279855953

Rectangle

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



4278216081



4284962441



4286142763



4283328051

Sweetspot

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



4278216081



4286885053



4278227244



4282143838



4292796126



4284374622

Same Dimension

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



4278216081



4278223805



4278197649



4282402119



4278214279



4278191368

Inverse Universe

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



4287692901



4290576515



4287722496



4282859589



4287037534



4278714373

Previews

White Background



This preview shows how the Android color 4278216081 looks on a white background.

Color Contrast Check

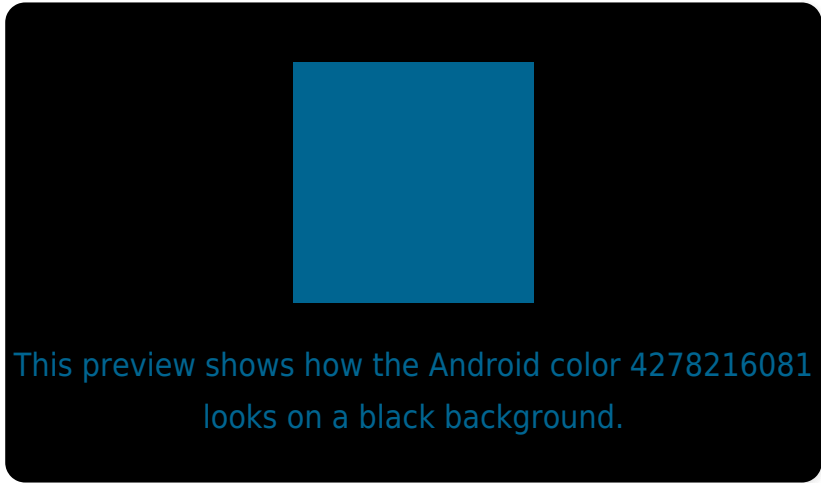
Large Text (above 18pt) WCAG AA ✓ Pass

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

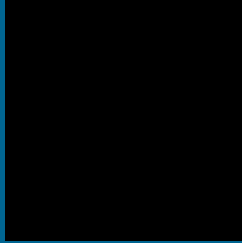
Any Text WCAG AA × Fail

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 4278216081 Background



This preview shows how black text looks on a background with the Android color 4278216081.



This preview shows how white text looks on a background with the Android color 4278216081.

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
4278216081

Protanomaly
4281557133

Deuteranomaly
4281033106

Tritanomaly
4278216829

Monochromacy



Original Color
4278216081

Achromatopsia
4283190348

Achromatomaly
4281357669

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216081 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, 101, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 145)  
}
```

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, 101, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 145) }
```

Border

The CSS property to change the border of an element to Android 4278216081 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, 101, 145) }
```

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

```
.border{ border-color:rgb(0, 101, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4278216081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 145) }
```

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

```
.background{ background-color: rgb(0, 101,  
145) }
```

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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