

Converting Colors

Android(4278216877)

Have a look what the booklet for
Android(4278216877) contains.

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Color

Android(4278216877)

Conversions

Conversions Part 1

Format	Color
Hex	0068AD
RGB	0, 104, 173
RGB Percent	0%, 41%, 68%
CMY	1.0000, 0.5922, 0.3216
CMYK	1.00, 0.40, 0.00, 0.32
HSL	204°, 100%, 34%
HSV	204°, 100%, 68%
XYZ	12.4931, 12.9178, 41.3701
YIQ	80.7700, -84.1330, -0.5890

Conversions

Conversions Part 2

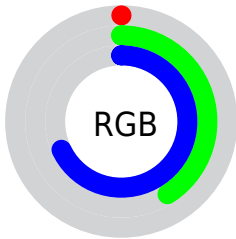
Format	Color
R _{YB}	0, 65, 173
Decimal	26797
CIE Lab	42.64, 1.47, -43.75
CIE LCh	43, 43.780, 271.922
Yxy	12.9178, 0.1871, 0.1934
Android (android.graphics.Color)	4278216877 (0xFF0068AD)
YUV	80.7700, 45.4694, -70.8353
Hunter-Lab	35.9413, -0.8509, -43.0866

Details

The Android color `4278216877` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289545472`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4284128229`, and `4278205048` is the 20% darker color. If you saturate the color by 10%, you get `4278216877`, and if you desaturate by 10%, it is `4279332781`.

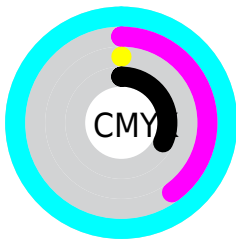
Distribution



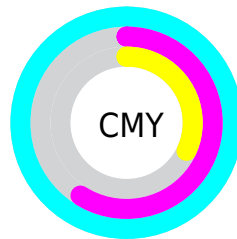
- Red (0%)
- Green (41%)
- Blue (68%)



- Red (0%)
- Yellow (25%)
- Blue (68%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (59%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216877 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 4278216877 by changing the saturation by 10% instead.

■ 4278216877

■ 4278216877

4294967295

■ 4278210706

■ 4284128229

■ 4278205048

■ 4286100991

■ 4278199647

■ 4288074239

■ 4278193991

■ 4290047487

■ 4278191152

■ 4291952639

■ 4278190362

■ 4293918719

■ 4278190080

■ 4278216877

■ 4279332781

■ 4280514221

■ 4281630125

■ 4282746029

■ 4283927469

■ 4285043117

■ 4286159021

■ 4287274925

■ 4288456365

Harmonies

Analogous

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



4278219172



4278216877



4285029026

Triad

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



4278216877



4288956481



4279661377

Complementary

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



4278216877



4289545472

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.



4283526690



4278216877



4287780388

Square

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



4278216877



4289020772



4285948949



4278220390

Rectangle

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



4278216877



4287058066



4285948949



4281365046

Sweetspot

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



4278216877



4288530144



4278234434



4282933360



4293980400



4285558896

Same Dimension

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



4278216877



4278224864



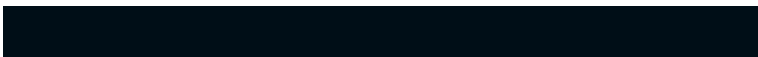
4278195373



4283323223



4278213270



4278193687

Inverse Universe

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



4289527912



4292870279



4289566976



4283911763



4288020570



4279697422

Previews

White Background



This preview shows how the Android color 4278216877 looks on a white background.

Color Contrast Check

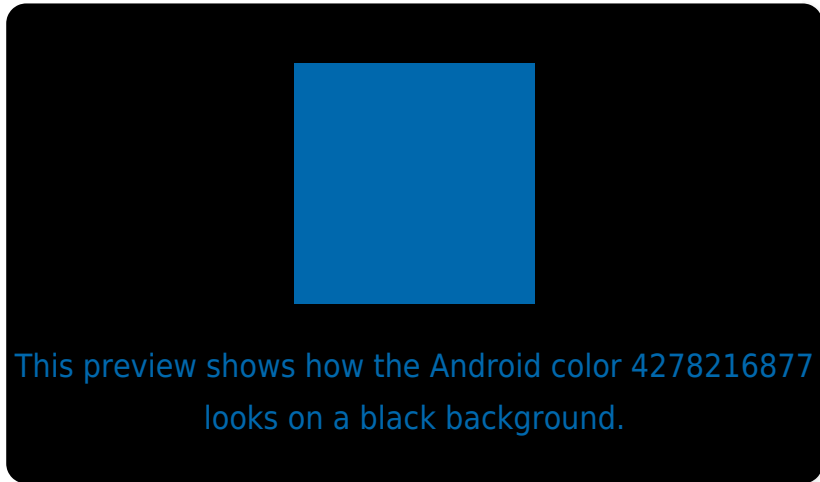
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278216877 Background



This preview shows how black text looks on a background with the Android color 4278216877.



This preview shows how white text looks on a background with the Android color 4278216877.

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
4278216877

Protanopia
4282933928

Deuteranopia
4281034414

Trichromacy



Original Color
4278216877

Protanomaly
4281230506

Deuteranomaly
4279986094

Tritanomaly
4278218123

Monochromacy



Original Color
4278216877

Achromatopsia
4283519313

Achromatomaly
4281620850

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216877 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, 104, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 173)  
}
```

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, 104, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 173) }
```

Border

The CSS property to change the border of an element to Android 4278216877 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, 104, 173) }
```

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

```
.border{ border-color:rgb(0, 104, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4278216877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 173) }
```

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

```
.background{ background-color: rgb(0, 104,  
173) }
```

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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