

Converting Colors

Android(4278216674)

Have a look what the booklet for
Android(4278216674) contains.

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Color

Android(4278216674)

Conversions

Conversions Part 1

Format	Color
Hex	0067E2
RGB	0, 103, 226
RGB Percent	0%, 40%, 89%
CMY	1.0000, 0.5961, 0.1137
CMYK	1.00, 0.54, 0.00, 0.11
HSL	213°, 100%, 44%
HSV	213°, 100%, 89%
XYZ	18.5777, 15.1915, 73.9046
YIQ	86.2250, -100.8710, 16.4170

Conversions

Conversions Part 2

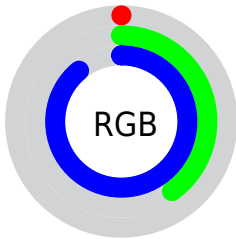
Format	Color
RYB	0, 71, 226
Decimal	26594
CIELab	45.90, 23.38, -69.05
CIELCh	46, 72.901, 288.707
Yxy	15.1915, 0.1725, 0.1411
Android (android.graphics.Color)	4278216674 (0xFF0067E2)
YUV	86.2250, 68.9091, -75.6193
Hunter-Lab	38.9763, 16.8721, -85.1390

Details

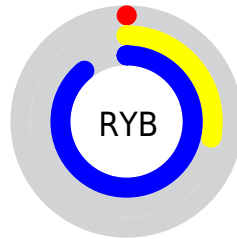
The Android color `4278216674` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293032704`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4285110783`, and `4278205098` is the 20% darker color. If you saturate the color by 10%, you get `4278216674`, and if you desaturate by 10%, it is `4279727074`.

Distribution



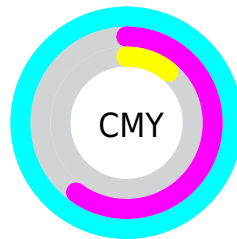
- Red (0%)
- Green (40%)
- Blue (89%)



- Red (0%)
- Yellow (28%)
- Blue (89%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (60%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216674 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 4278216674 by changing the saturation by 10% instead.

 4278216674

 4278216674

4294967295

 4278210757

 4285110783

 4278205098

 4287280383

 4278199950

 4289384447

 4278195316

 4291423231

 4278192474

 4293525503

 4278191938

 4278190891

 4278190357

 4278190080

 4278216674

 4279727074

 4281172194

 4282682594


 4284127458

 4285638114

 4287148514

 4288593378

 4290103778

 4291548898

Harmonies

Analogous

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



4278221798



4278216674



4288431806

Triad

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



4278216674



4290790152



4278224211

Complementary

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



4278216674



4293032704

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.



4278222855



4278216674



4288111104

Square

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



4278216674



4292089930



4284577024



4278224786

Rectangle

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



4278216674



4290783642



4284577024



4278223933

Sweetspot

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



4278216674



4289975807



4278248057



4283590528



4278190080



4286611584

Same Dimension

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



4278216674



4278220031



4278714594



4284836464



4278210736



4278195760

Inverse Universe

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



4293001319



4294901876



4292534784



4285556074



4289724496



4281335830

Previews

White Background



This preview shows how the Android color 4278216674 looks on a white background.

Color Contrast Check

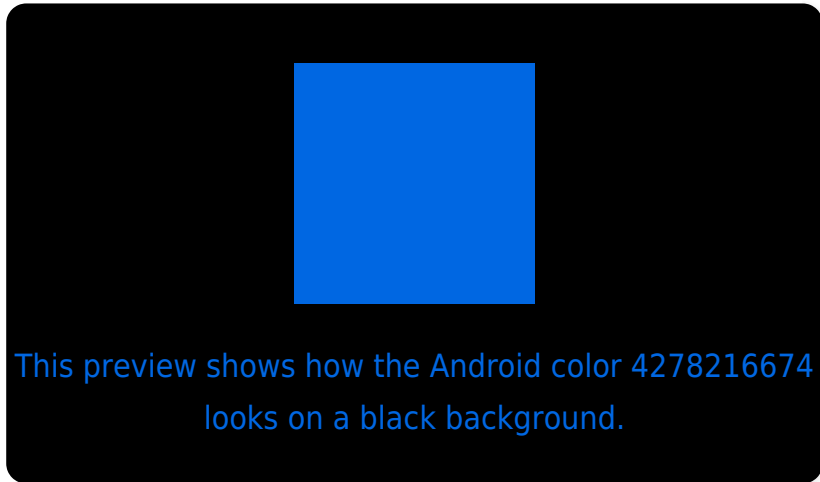
Large Text (above 18pt) WCAG AA ✓ Pass

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

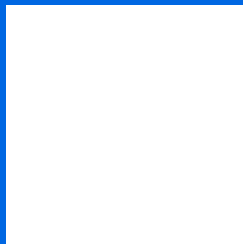
Any Text WCAG AAA × Fail

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

Android 4278216674 Background



This preview shows how black text looks on a background with the Android color 4278216674.



This preview shows how white text looks on a background with the Android color 4278216674.

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

4278216674

Protanopia

4278216926

Deuteranopia

4278218687

Trichromacy



Original Color
4278216674

Protanomaly
4278216927

Deuteranomaly
4278217932

Tritanomaly
4278219428

Monochromacy



Original Color
4278216674

Achromatopsia
4283848278

Achromatomaly
4281818249

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216674 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, 103, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 226)  
}
```

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, 103, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 226) }
```

Border

The CSS property to change the border of an element to Android 4278216674 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, 103, 226) }
```

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

```
.border{ border-color:rgb(0, 103, 226) }
```

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

Here you see how a box with a 4 pixel rgb(0, 103, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4278216674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 226) }
```

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

```
.background{ background-color: rgb(0, 103,  
226) }
```

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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