

Converting Colors

Android(4278221029)

Have a look what the booklet for
Android(4278221029) contains.

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Color

Android(4278221029)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0078E5 |
| RGB | 0, 120, 229 |
| RGB Percent | 0%, 47%, 90% |
| CMY | 1.0000, 0.5294, 0.1020 |
| CMYK | 1.00, 0.48, 0.00, 0.10 |
| HSL | 209°, 100%, 45% |
| HSV | 209°, 100%, 90% |
| XYZ | 20.8593, 19.0901, 76.7141 |
| YIQ | 96.5460, -106.5090, 8.4590 |

Conversions

Conversions Part 2

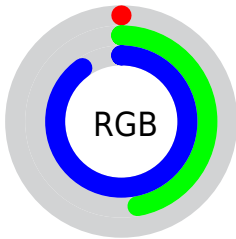
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 79, 229 |
| Decimal | 30949 |
| CIELab | 50.79, 13.70, -62.81 |
| CIELCh | 51, 64.282, 282.302 |
| Yxy | 19.0901, 0.1788, 0.1636 |
| Android (android.graphics.Color) | 4278221029 (0xFF0078E5) |
| YUV | 96.5460, 65.2998, -84.6708 |
| Hunter-Lab | 43.6922, 8.7573, -73.5159 |

Details

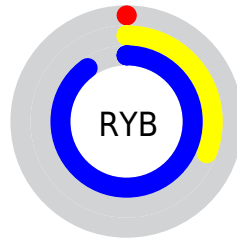
The Android color `4278221029` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4293225728`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4285115647`, and `4278208941` is the 20% darker color. If you saturate the color by 10%, you get `4278221029`, and if you desaturate by 10%, it is `4279731173`.

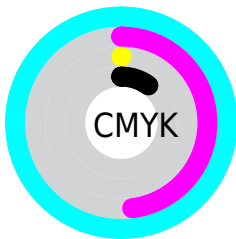
Distribution



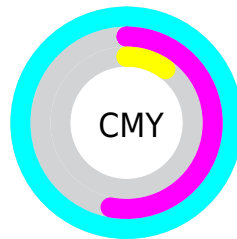
- Red (0%)
- Green (47%)
- Blue (90%)



- Red (0%)
- Yellow (31%)
- Blue (90%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (53%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221029 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 4278221029 by changing the saturation by 10% instead.



4278221029



4278221029

4294967295



4278214856



4285115647



4278208941



4287285247



4278203281



4289389311



4278198391



4291428351



4278191710



4293525503



4278192197



4278190894



4278190360



4278190080

■ 4278221029

■ 4279731173

■ 4281241317

■ 4282751461

■ 4284261605

■ 4285771493

■ 4287216101

■ 4288726245

■ 4290236389

■ 4291746533

Harmonies

Analogous

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



4278225122



4278221029



4288110539

Triad

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



4278221029



4291645745



4278227029

Complementary

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



4278221029



4293225728

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.



4282222876



4278221029



4289489408

Square

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



4278221029



4292492645



4286414336



4278227599

Rectangle

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



4278221029



4290596269



4286414336



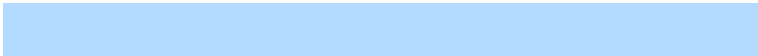
4278226499

Sweetspot

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



4278221029



4289977343



4278248811



4283591296



4278190080



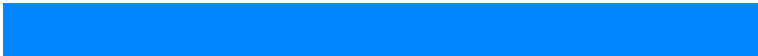
4286611584

Same Dimension

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



4278221029



4278224639



4278192357



4284968307



4278214323



4278197043

Inverse Universe

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



4293197944



4294901894



4293254400



4285753197



4289921118



4281532443

Previews

White Background



This preview shows how the Android color 4278221029 looks on a white background.

Color Contrast Check

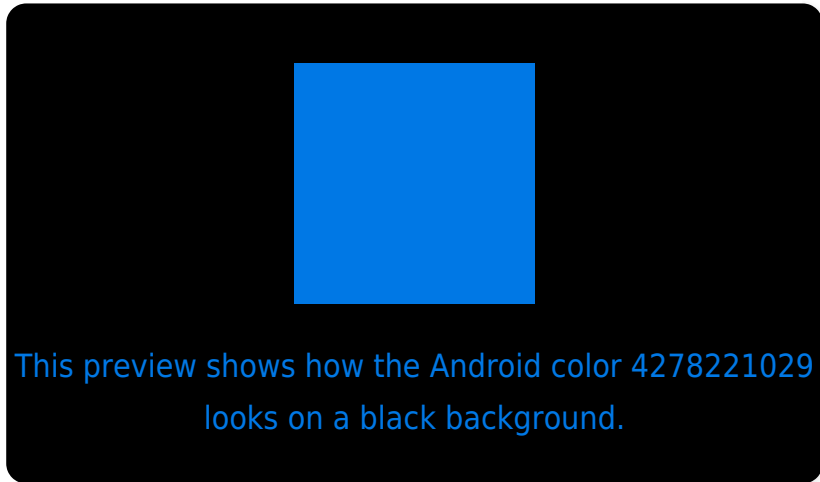
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4278221029 Background



This preview shows how black text looks on a background with the Android color 4278221029.



This preview shows how white text looks on a background with the Android color 4278221029.

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
4278221029

Protanomaly
4280776418

Deuteranomaly
4278221532

Tritanomaly
4278223278

Monochromacy



Original Color
4278221029

Achromatopsia
4284572001

Achromatomaly
4282280337

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221029 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, 120, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 229)  
}
```

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, 120, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 229) }
```

Border

The CSS property to change the border of an element to Android 4278221029 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, 120, 229) }
```

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

```
.border{ border-color:rgb(0, 120, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 120, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 120, 229); box-shadow:4px 4px 4px 4px rgb(0, 120, 229) }
```

Background

The CSS property to change the background color of an element to Android 4278221029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 229) }
```

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

```
.background{ background-color: rgb(0, 120,  
229) }
```

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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