

Converting Colors

Android(4278212317)

Have a look what the booklet for
Android(4278212317) contains.

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Color

Android(4278212317)

Conversions

Conversions Part 1

Format	Color
Hex	0056DD
RGB	0, 86, 221
RGB Percent	0%, 34%, 87%
CMY	1.0000, 0.6627, 0.1333
CMYK	1.00, 0.61, 0.00, 0.13
HSL	217°, 100%, 43%
HSV	217°, 100%, 87%
XYZ	16.3789, 11.8760, 69.8357
YIQ	75.6760, -94.5910, 23.7530

Conversions

Conversions Part 2

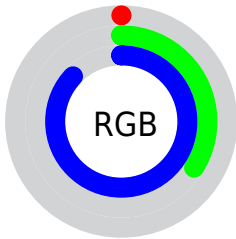
Format	Color
RYB	0, 62, 221
Decimal	22237
CIELab	41.02, 32.47, -74.17
CIELCh	41, 80.967, 293.643
Yxy	11.8760, 0.1670, 0.1211
Android (android.graphics.Color)	4278212317 (0xFF0056DD)
YUV	75.6760, 71.6447, -66.3679
Hunter-Lab	34.4616, 24.5297, -96.0266

Details

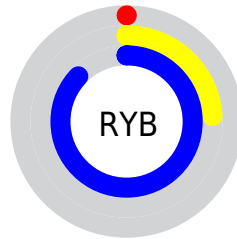
The Android color `4278212317` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed blue. A complement of this color would be `4292708096`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4285106175`, and `4278200997` is the 20% darker color. If you saturate the color by 10%, you get `4278212317`, and if you desaturate by 10%, it is `4279657693`.

Distribution



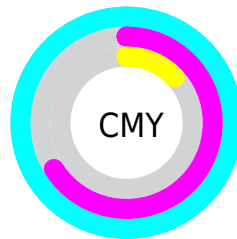
- Red (0%)
- Green (34%)
- Blue (87%)



- Red (0%)
- Yellow (24%)
- Blue (87%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (66%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212317 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 4278212317 by changing the saturation by 10% instead.

 4278212317

 4278212317

4294967295

 4278206400

 4285106175

 4278200997

 4287275519

 4278196361

 4289379583

 4278190191

 4291418367

 4278193238

 4293457151

 4278191677

 4278190887

 4278190352

 4278190080

■ 4278212317

■ 4279657693

■ 4281102813

■ 4282548189

■ 4283993309

■ 4285504221

■ 4286949341

■ 4288394717

■ 4289839837

■ 4291285213

Harmonies

Analogous

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



4278218472



4278212317



4288619953

Triad

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



4278212317



4289803520



4278221392

Complementary

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



4278212317



4292708096

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.



4278220288



4278212317



4286732544

Square

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



4278212317



4291559473



4282608640



4278221717

Rectangle

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



4278212317



4290838664



4282608640



4278221112

Sweetspot

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



4278212317



4289974527



4278246789



4283589504



4278190080



4286611584

Same Dimension

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



4278212317



4278215679



4279632093



4284704622



4278207405



4278194734

Inverse Universe

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



4292673622



4294901859



4291288320



4285424487



4289527875



4281204754

Previews

White Background



This preview shows how the Android color 4278212317 looks on a white background.

Color Contrast Check

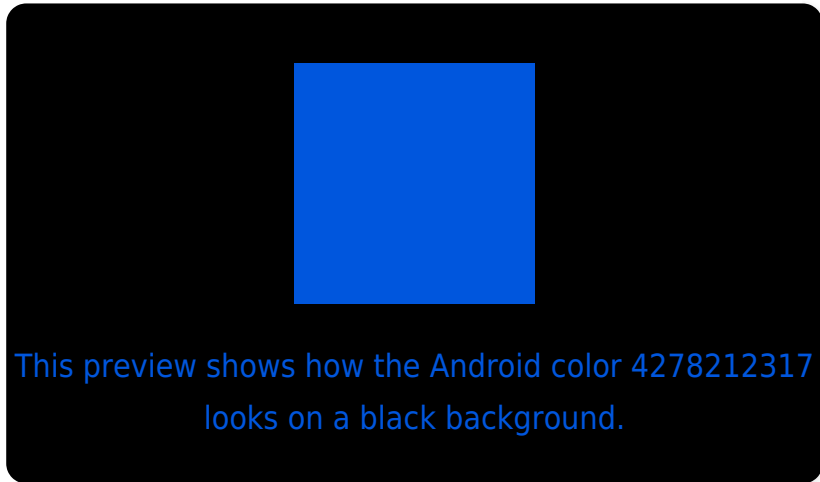
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212317 Background



This preview shows how black text looks on a background with the Android color 4278212317.



This preview shows how white text looks on a background with the Android color 4278212317.

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

4278212317

Protanopia

4278214085

Deuteranopia

4278215592

Trichromacy



Original Color
4278212317

Protanomaly
4278213326

Deuteranomaly
4278214331

Tritanomaly
4278215576

Monochromacy



Original Color
4278212317

Achromatopsia
4283190348

Achromatomaly
4281356417

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212317 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, 86, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 221)  
}
```

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, 86, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 221) }
```

Border

The CSS property to change the border of an element to Android 4278212317 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, 86, 221) }
```

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

```
.border{ border-color:rgb(0, 86, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 221)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 221) }
```

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

```
.background{ background-color: rgb(0, 86,  
221) }
```

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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