

Converting Colors

Android(4278201061)

Have a look what the booklet for
Android(4278201061) contains.

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Color

Android(4278201061)

Conversions

Conversions Part 1

Format	Color
Hex	002AE5
RGB	0, 42, 229
RGB Percent	0%, 16%, 90%
CMY	1.0000, 0.8353, 0.1020
CMYK	1.00, 0.82, 0.00, 0.10
HSL	229°, 100%, 45%
HSV	229°, 100%, 90%
XYZ	14.9708, 7.3131, 74.7513
YIQ	50.7600, -85.0590, 49.2530

Conversions

Conversions Part 2

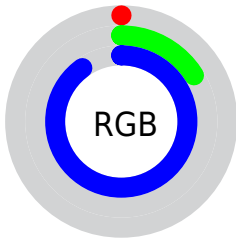
Format	Color
RYB	0, 35, 229
Decimal	10981
CIELab	32.51, 60.93, -92.80
CIELCh	33, 111.015, 303.290
Yxy	7.3131, 0.1543, 0.0754
Android (android.graphics.Color)	4278201061 (0xFF002AE5)
YUV	50.7600, 87.8723, -44.5165
Hunter-Lab	27.0427, 51.4928, -144.9592

Details

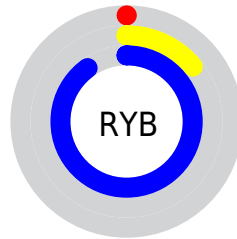
The Android color `4278201061` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4293245696`, and the grayscale version is `4281479730`.

A 20% lighter version of the original color is `4285553919`, and `4278190252` is the 20% darker color. If you saturate the color by 10%, you get `4278201061`, and if you desaturate by 10%, it is `4279713253`.

Distribution



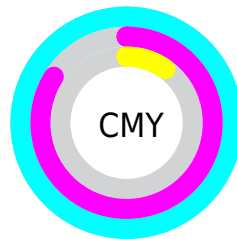
- Red (0%)
- Green (16%)
- Blue (90%)



- Red (0%)
- Yellow (14%)
- Blue (90%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (84%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201061 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 4278201061 by changing the saturation by 10% instead.

 4278201061

 4278201061

4294967295

 4278194376

 4285553919

 4278190252

 4287788543

 4278190224

 4289958143

 4278190453

 4292062207

 4278193499

 4294166527

 4278191939

 4294960127

 4278190892

 4278190358

 4278190080

 4278201061

 4279713253

 4281225189

 4282737381

 4284249573

 4285761765

 4287208165

 4288720357

 4290232549

 4291744485

Harmonies

Analogous

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



4278213631



4278201061



4289855646

Triad

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



4278201061



4288157696



4278216533

Complementary

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



4278201061



4293245696

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.



4278215680



4278201061



4283846144

Square

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



4278201061



4291166208



4278214400



4278217133

Rectangle

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



4278201061



4291821668



4278214400



4278216246

Sweetspot

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



4278201061



4289970687



4278248887



4283587200



4278190080



4286611584

Same Dimension

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



4278201061



4278202367



4282712293



4284967283



4278198707



4278192435

Inverse Universe

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



4293197866



4294901807



4288734464



4285753193



4289921057



4281532425

Previews

White Background



This preview shows how the Android color 4278201061 looks on a white background.

Color Contrast Check

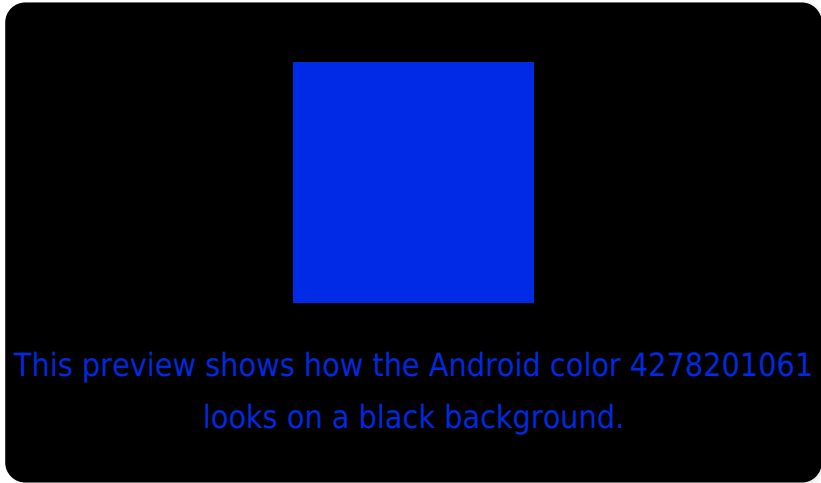
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278201061 Background



This preview shows how black text looks on a background with the Android color 4278201061.



This preview shows how white text looks on a background with the Android color 4278201061.

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
4278201061

Protanopia
4278209179

Deuteranopia
4278210435

Trichromacy



Original Color
4278201061

Protanomaly
4278206134

Deuteranomaly
4278207143

Tritanomaly
4278207884

Monochromacy



Original Color
4278201061

Achromatopsia
4281545523

Achromatomaly
4280299636

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201061 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, 42, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 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, 42, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 229) }
```

Border

The CSS property to change the border of an element to Android 4278201061 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, 42, 229) }
```

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

```
.border{ border-color:rgb(0, 42, 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, 42, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 42, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 42, 229)  
}
```

Background

The CSS property to change the background color of an element to Android 4278201061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 229) }
```

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

```
.background{ background-color: rgb(0, 42,  
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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