

Converting Colors

Android(4278208229)

Have a look what the booklet for
Android(4278208229) contains.

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Color

Android(4278208229)

Conversions

Conversions Part 1

Format	Color
Hex	0046E5
RGB	0, 70, 229
RGB Percent	0%, 27%, 90%
CMY	1.0000, 0.7255, 0.1020
CMYK	1.00, 0.69, 0.00, 0.10
HSL	222°, 100%, 45%
HSV	222°, 100%, 90%
XYZ	16.3330, 10.0375, 75.2053
YIQ	67.1960, -92.7590, 34.6090

Conversions

Conversions Part 2

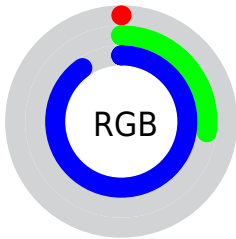
Format	Color
RYB	0, 54, 229
Decimal	18149
CIELab	37.91, 45.61, -83.84
CIELCh	38, 95.446, 298.546
Yxy	10.0375, 0.1608, 0.0988
Android (android.graphics.Color)	4278208229 (0xFF0046E5)
YUV	67.1960, 79.7694, -58.9309
Hunter-Lab	31.6820, 36.5788, -118.5628

Details

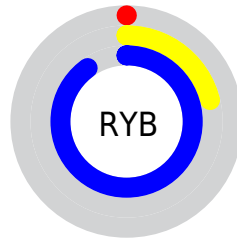
The Android color `4278208229` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4293238528`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4285363967`, and `4278197164` is the 20% darker color. If you saturate the color by 10%, you get `4278208229`, and if you desaturate by 10%, it is `4279719653`.

Distribution



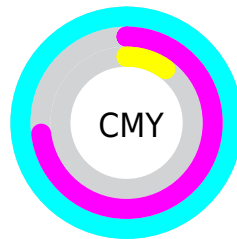
- Red (0%)
- Green (27%)
- Blue (90%)



- Red (0%)
- Yellow (21%)
- Blue (90%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (73%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208229 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 4278208229 by changing the saturation by 10% instead.

 4278208229

 4278208229

4294967295

 4278202568

 4285363967

 4278197164

 4287598847

 4278193041

 4289702911

 4278190198

 4291806975

 4278193500

 4293845759

 4278191939

 4278190892

 4278190359

 4278190080

 4278208229

 4279719653

 4281231077

 4282742501

 4284253925

 4285765349

 4287210981

 4288722405

 4290233829

 4291745253

Harmonies

Analogous

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



4278216697



4278208229



4289396908

Triad

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



4278208229



4289276416



4278219859

Complementary

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



4278208229



4293238528

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.



4278218752



4278208229



4285617664

Square

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



4278208229



4291690518



4279396608



4278220194

Rectangle

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



4278208229



4291559546



4279396608



4278219576

Sweetspot

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



4278208229



4289972991



4278248860



4283588736



4278190080



4286611584

Same Dimension

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



4278208229



4278210303



4280942821



4284967795



4278204339



4278194227

Inverse Universe

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



4293197894



4294901838



4290503936



4285753195



4289921079



4281532432

Previews

White Background



This preview shows how the Android color 4278208229 looks on a white background.

Color Contrast Check

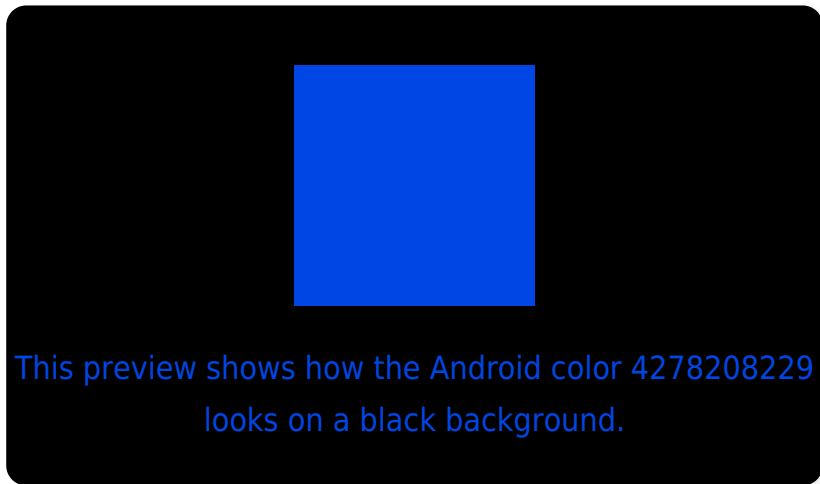
Large Text (above 18pt) WCAG AA ✓ Pass

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

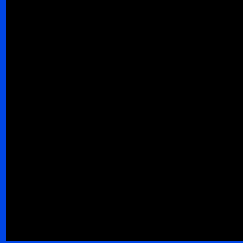
Any Text WCAG AA × Fail

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 4278208229 Background



This preview shows how black text looks on a background with the Android color 4278208229.



This preview shows how white text looks on a background with the Android color 4278208229.

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
4278208229

Deuteranomaly
4278211509

Tritanomaly
4278212757

Monochromacy



Original Color
4278208229

Achromatopsia
4282598211

Achromatomaly
4281025662

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208229 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, 70, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 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, 70, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 229) }
```

Border

The CSS property to change the border of an element to Android 4278208229 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, 70, 229) }
```

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

```
.border{ border-color:rgb(0, 70, 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, 70, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 70, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 70, 229)  
}
```

Background

The CSS property to change the background color of an element to Android 4278208229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 229) }
```

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

```
.background{ background-color: rgb(0, 70,  
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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