

Converting Colors

Android(4278207171)

Have a look what the booklet for
Android(4278207171) contains.

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Color

Android(4278207171)

Conversions

Conversions Part 1

Format	Color
Hex	0042C3
RGB	0, 66, 195
RGB Percent	0%, 26%, 76%
CMY	1.0000, 0.7412, 0.2353
CMYK	1.00, 0.66, 0.00, 0.24
HSL	220°, 100%, 38%
HSV	220°, 100%, 76%
XYZ	11.7985, 7.8366, 52.5205
YIQ	60.9720, -80.7450, 26.1270

Conversions

Conversions Part 2

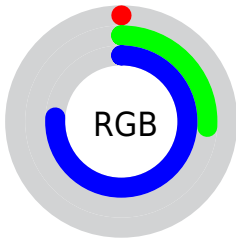
Format	Color
R _Y B	0, 49, 195
Decimal	17091
CIE Lab	33.64, 35.45, -71.26
CIE LCh	34, 79.597, 296.451
Yxy	7.8366, 0.1635, 0.1086
Android (android.graphics.Color)	4278207171 (0xFF0042C3)
YUV	60.9720, 66.0758, -53.4724
Hunter-Lab	27.9939, 26.2430, -91.6409

Details

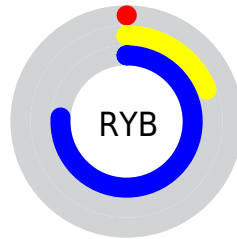
The Android color `4278207171` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291002624`, and the grayscale version is `4282137660`.

A 20% lighter version of the original color is `4284707581`, and `4278196620` is the 20% darker color. If you saturate the color by 10%, you get `4278207171`, and if you desaturate by 10%, it is `4279455683`.

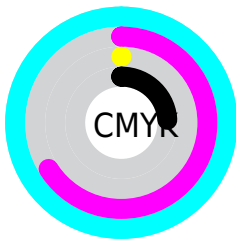
Distribution



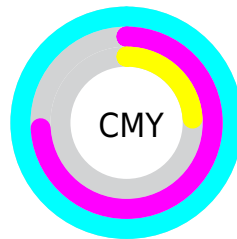
- Red (0%)
- Green (26%)
- Blue (76%)



- Red (0%)
- Yellow (19%)
- Blue (76%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (74%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207171 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 4278207171 by changing the saturation by 10% instead.

 4278207171

 4278207171

4294967295

 4278201511

 4284707581

 4278196620

 4286811135

 4278191218

 4288783871

 4278191704

 4290822399

 4278191936

 4292861183

 4278190889

 4294900223

 4278190355

 4278190080

 4278207171

■ 4279455683

■ 4280769731

■ 4282083779

■ 4283332291

■ 4284646339

■ 4285894595

■ 4287143107

■ 4288457155

■ 4289771203

Harmonies

Analogous

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



4278213585



4278207171



4287561878

Triad

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



4278207171



4287964928



4278216262

Complementary

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



4278207171



4291002624

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.



4278215424



4278207171



4285025024

Square

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



4278207171



4289855517



4280703744



4278216583

Rectangle

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



4278207171



4289462382



4280703744



4278215983

Sweetspot

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



4278207171



4289841916



4278240127



4283588992



4278190080



4286611584

Same Dimension

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



4278207171



4278212092



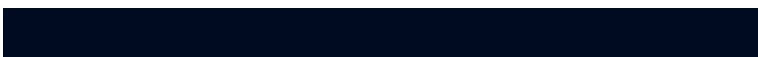
4280090819



4283914849



4278204065



4278192929

Inverse Universe

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



4290969666



4294705237



4289118976



4284569434



4288741430



4280352779

Previews

White Background



This preview shows how the Android color 4278207171 looks on a white background.

Color Contrast Check

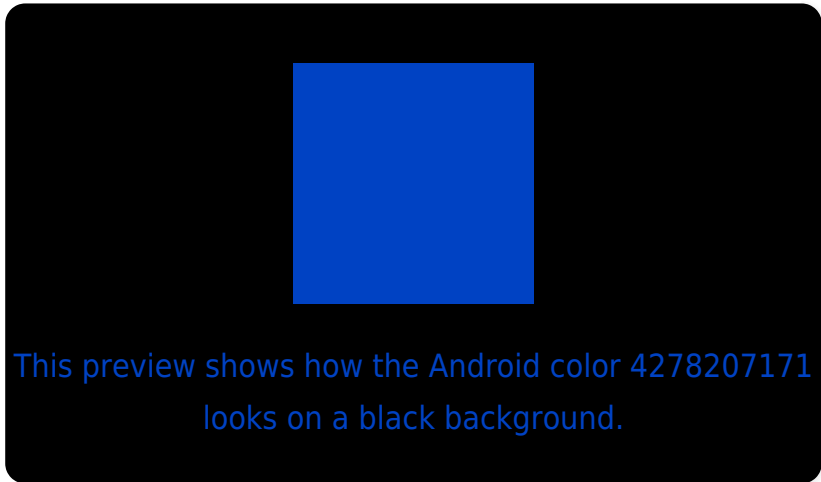
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207171 Background



This preview shows how black text looks on a background with the Android color 4278207171.



This preview shows how white text looks on a background with the Android color 4278207171.

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
4278207171

Protanopia
4278209697

Deuteranopia
4278210953

Trichromacy



Original Color
4278207171

Protanomaly
4278208685

Deuteranomaly
4278209694

Tritanomaly
4278210690

Monochromacy



Original Color
4278207171

Achromatopsia
4282203453

Achromatomaly
4280762222

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207171 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, 66, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 195)  
}
```

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, 66, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 195) }
```

Border

The CSS property to change the border of an element to Android 4278207171 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, 66, 195) }
```

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

```
.border{ border-color:rgb(0, 66, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 195)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 195) }
```

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

```
.background{ background-color: rgb(0, 66,  
195) }
```

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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