

Converting Colors

Android(4278207181)

Have a look what the booklet for
Android(4278207181) contains.

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Color

Android(4278207181)

Conversions

Conversions Part 1

Format	Color
Hex	0042CD
RGB	0, 66, 205
RGB Percent	0%, 26%, 80%
CMY	1.0000, 0.7412, 0.1961
CMYK	1.00, 0.68, 0.00, 0.20
HSL	221°, 100%, 40%
HSV	221°, 100%, 80%
XYZ	12.9677, 8.3042, 58.6770
YIQ	62.1120, -83.9550, 29.2370

Conversions

Conversions Part 2

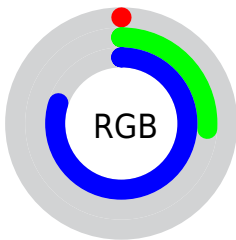
Format	Color
R_{YB}	0, 50, 205
Decimal	17101
CIE _{Lab}	34.61, 39.26, -75.50
CIE _{LCh}	35, 85.096, 297.476
Yxy	8.3042, 0.1622, 0.1039
Android (android.graphics.Color)	4278207181 (0xFF0042CD)
YUV	62.1120, 70.4438, -54.4722
Hunter-Lab	28.8170, 29.8952, -100.5539

Details

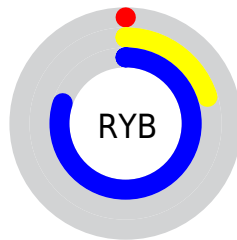
The Android color `4278207181` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291660544`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4284904191`, and `4278196373` is the 20% darker color. If you saturate the color by 10%, you get `4278207181`, and if you desaturate by 10%, it is `4279521485`.

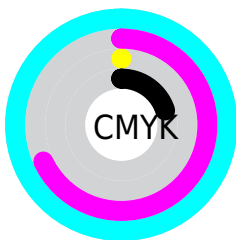
Distribution



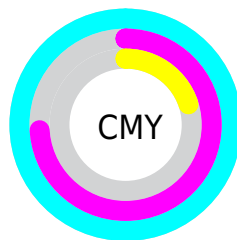
- Red (0%)
- Green (26%)
- Blue (80%)



- Red (0%)
- Yellow (20%)
- Blue (80%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (74%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207181 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 4278207181 by changing the saturation by 10% instead.

 4278207181

 4278207181

4294967295

 4278201521

 4284904191


 4278196373

 4287007743

 4278191739

 4289111807

 4278190945

 4291150335

 4278192200

 4293189119

 4278191152

 4294965759

 4278190363

 4278190080

 4278207181

■ 4279521485

■ 4280901325

■ 4282281165

■ 4283595469

■ 4284975309

■ 4286289357

■ 4287669197

■ 4288983501

■ 4290363341

Harmonies

Analogous

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



4278214365



4278207181



4288151708

Triad

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



4278207181



4288292608



4278217034

Complementary

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



4278207181



4291660544

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.



4278216192



4278207181



4285091328

Square

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



4278207181



4290379801



4280246016



4278217615

Rectangle

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



4278207181



4290117745



4280246016



4278216753

Sweetspot

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



4278207181



4289973247



4278242697



4283588736



4278190080



4286611584

Same Dimension

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



4278207181



4278211327



4280418509



4284243814



4278203814



4278193190

Inverse Universe

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



4291625026



4294901842



4289449216



4284898399



4289069109



4280680460

Previews

White Background



This preview shows how the Android color 4278207181 looks on a white background.

Color Contrast Check

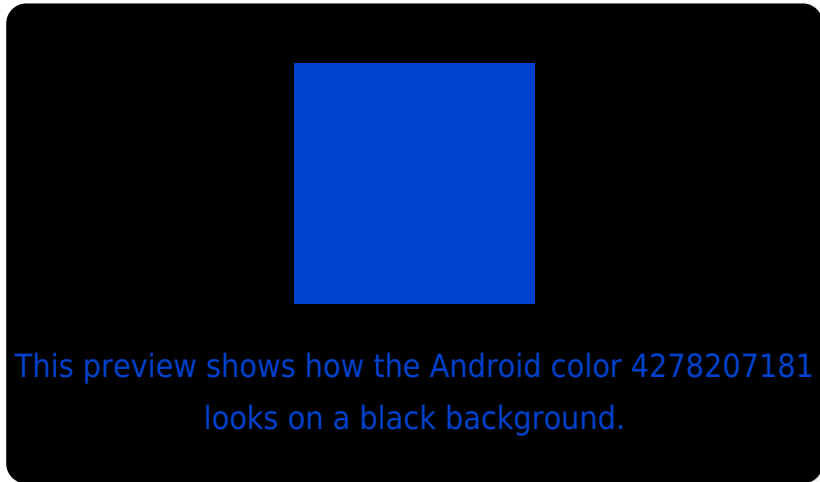
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207181 Background



This preview shows how black text looks on a background with the Android color 4278207181.



This preview shows how white text looks on a background with the Android color 4278207181.

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

4278207181

Protanopia

4278210213

Deuteranopia

4278211725

Trichromacy



Original Color
4278207181

Protanomaly
4278209204

Deuteranomaly
4278209956

Tritanomaly
4278210951

Monochromacy



Original Color
4278207181

Achromatopsia
4282269246

Achromatomaly
4280762226

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207181 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 205) }
```

Border

The CSS property to change the border of an element to Android 4278207181 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, 205) }
```

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

```
.border{ border-color:rgb(0, 66, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 205)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207181 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, 205) }
```

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

```
.background{ background-color: rgb(0, 66,  
205) }
```

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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