

Converting Colors

Android(4278207176)

Have a look what the booklet for
Android(4278207176) contains.

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Color

Android(4278207176)

Conversions

Conversions Part 1

Format	Color
Hex	0042C8
RGB	0, 66, 200
RGB Percent	0%, 26%, 78%
CMY	1.0000, 0.7412, 0.2157
CMYK	1.00, 0.67, 0.00, 0.22
HSL	220°, 100%, 39%
HSV	220°, 100%, 78%
XYZ	12.3735, 8.0666, 55.5484
YIQ	61.5420, -82.3500, 27.6820

Conversions

Conversions Part 2

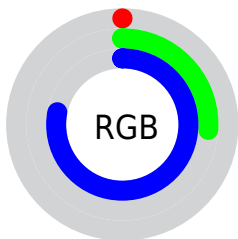
Format	Color
RYB	0, 50, 200
Decimal	17096
CIELab	34.12, 37.37, -73.39
CIELCh	34, 82.359, 296.984
Yxy	8.0666, 0.1628, 0.1062
Android (android.graphics.Color)	4278207176 (0xFF0042C8)
YUV	61.5420, 68.2598, -53.9723
Hunter-Lab	28.4017, 28.0627, -96.0790

Details

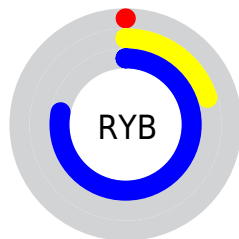
The Android color `4278207176` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291331584`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4284773119`, and `4278196625` is the 20% darker color. If you saturate the color by 10%, you get `4278207176`, and if you desaturate by 10%, it is `4279521224`.

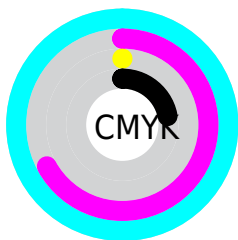
Distribution



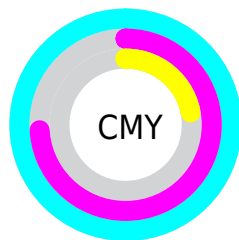
- Red (0%)
- Green (26%)
- Blue (78%)



- Red (0%)
- Yellow (20%)
- Blue (78%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (74%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207176 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 4278207176 by changing the saturation by 10% instead.

 4278207176

 4278207176

4294967295

 4278201516

 4284773119

 4278196625

 4286876671

 4278191478

 4288980479

 4278191452

 4290953727

 4278191940

 4292992255

 4278190893

 4294965759

 4278190359

 4278190080

 4278207176

■ 4279521224

■ 4280835528

■ 4282149576

■ 4283463880

■ 4284777928

■ 4286091976

■ 4287406280

■ 4288720328

■ 4290034632

Harmonies

Analogous

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



4278214103



4278207176



4287824025

Triad

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



4278207176



4288161536



4278216520

Complementary

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



4278207176



4291331584

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



4278207176



4285025280

Square

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



4278207176



4290117659



4280507648



4278217099

Rectangle

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



4278207176



4289790064



4280507648



4278216496

Sweetspot

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



4278207176



4289973503



4278241413



4283588992



4278190080



4286611584

Same Dimension

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



4278207176



4278211839



4280352968



4284112227



4278204067



4278193188

Inverse Universe

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



4291297346



4294901844



4289185792



4284701277



4288872502



4280549388

Previews

White Background



This preview shows how the Android color 4278207176 looks on a white background.

Color Contrast Check

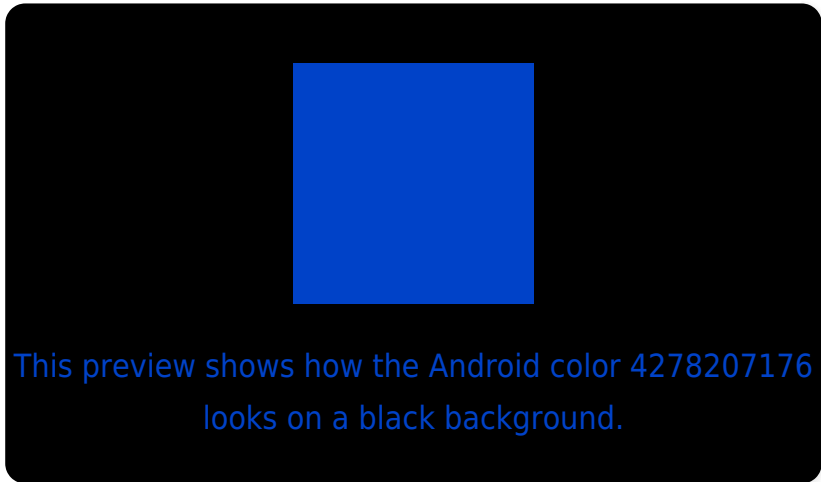
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207176 Background



This preview shows how black text looks on a background with the Android color 4278207176.



This preview shows how white text looks on a background with the Android color 4278207176.

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

4278207176

Protanopia

4278209955

Deuteranopia

4278211467

Trichromacy



Original Color
4278207176

Protanomaly
4278208944

Deuteranomaly
4278209953

Tritanomaly
4278210949

Monochromacy



Original Color
4278207176

Achromatopsia
4282269246

Achromatomaly
4280762224

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207176 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 200) }
```

Border

The CSS property to change the border of an element to Android 4278207176 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, 200) }
```

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

```
.border{ border-color:rgb(0, 66, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 200)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207176 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, 200) }
```

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

```
.background{ background-color: rgb(0, 66,  
200) }
```

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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