

Converting Colors

Android(4278197170)

Have a look what the booklet for
Android(4278197170) contains.

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Color

Android(4278197170)

Conversions

Conversions Part 1

Format	Color
Hex	001BB2
RGB	0, 27, 178
RGB Percent	0%, 11%, 70%
CMY	1.0000, 0.8941, 0.3020
CMYK	1.00, 0.85, 0.00, 0.30
HSL	231°, 100%, 35%
HSV	231°, 100%, 70%
XYZ	8.4278, 3.9982, 42.4470
YIQ	36.1410, -64.5630, 41.2370

Conversions

Conversions Part 2

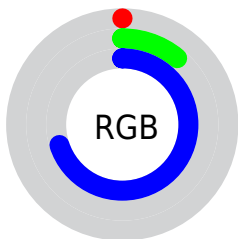
Format	Color
RYB	0, 23, 178
Decimal	7090
CIELab	23.67, 51.99, -77.71
CIELCh	24, 93.500, 303.782
Yxy	3.9982, 0.1536, 0.0729
Android (android.graphics.Color)	4278197170 (0xFF001BB2)
YUV	36.1410, 69.9365, -31.6957
Hunter-Lab	19.9955, 40.2428, -111.8653

Details

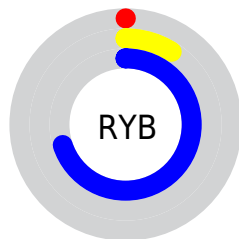
The Android color `4278197170` is a dark color, and the websafe version is hex `000099`. A complement of this color would be `4289894144`, and the grayscale version is `4280558628`.

A 20% lighter version of the original color is `4284566507`, and `4278190204` is the 20% darker color. If you saturate the color by 10%, you get `4278197170`, and if you desaturate by 10%, it is `4279380658`.

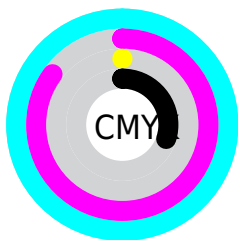
Distribution



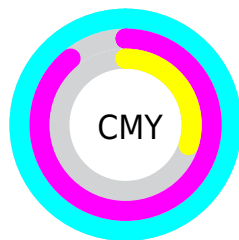
- Red (0%)
- Green (11%)
- Blue (70%)



- Red (0%)
- Yellow (9%)
- Blue (70%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (89%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278197170 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 4278197170 by changing the saturation by 10% instead.

 4278197170

 4278197170

4294967295

 4278190742

 4284566507

 4278190204

 4286670079

 4278190178

 4288708351

 4278192457

 4290681087

 4278191153

 4292719871

 4278190363

 4294758655

 4278190080

 4294962431

 4278197170

■ 4279380658

■ 4280564146

■ 4281682098

■ 4282865586

■ 4284049074

■ 4285232818

■ 4286416306

■ 4287534258

■ 4288717746

Harmonies

Analogous

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



4278207692



4278197170



4287299704

Triad

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



4278197170



4285795840



4278210112

Complementary

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



4278197170



4289894144

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.



4278209280



4278197170



4282268160

Square

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



4278197170



4288217088



4278208256



4278210439

Rectangle

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



4278197170



4288741450



4278208256



4278209831

Sweetspot

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



4278197170



4288851432



4278235796



4283126133



4294309365



4285887861

Same Dimension

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



4278197170



4278199272



4282056882



4283454041



4278196121



4278191130

Inverse Universe

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



4289855515



4293394467



4286034432



4284043346



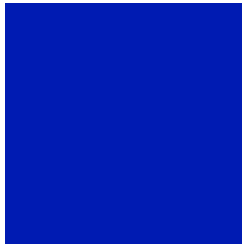
4288217111



4279894020

Previews

White Background



This preview shows how the Android color 4278197170 looks on a white background.

Color Contrast Check

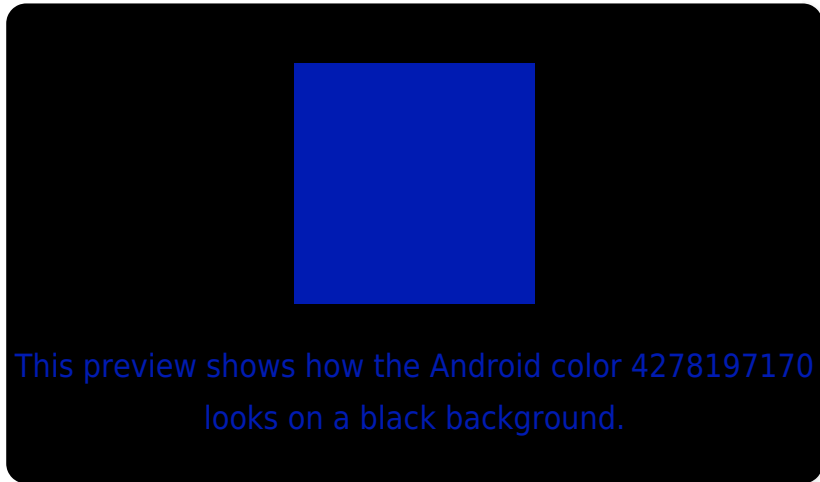
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278197170 Background



This preview shows how black text looks on a background with the Android color 4278197170.



This preview shows how white text looks on a background with the Android color 4278197170.

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

4278197170

Protanopia

4278204532

Deuteranopia

4278205283

Trichromacy



Original Color

4278197170

Protanomaly

4278201739

Deuteranomaly

4278202240

Tritanomaly

4278203243

Monochromacy



Original Color

4278197170

Achromatopsia

4280558628

Achromatomaly

4279705944

CSS Examples

Text

The CSS property to change the color of the text to Android 4278197170 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, 27, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 27, 178)  
}
```

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, 27, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 27, 178) }
```

Border

The CSS property to change the border of an element to Android 4278197170 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, 27, 178) }
```

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

```
.border{ border-color:rgb(0, 27, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 27, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 27, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 27, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 27, 178)  
}
```

Background

The CSS property to change the background color of an element to Android 4278197170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 27, 178) }
```

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

```
.background{ background-color: rgb(0, 27,  
178) }
```

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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