

Converting Colors

Android(4278194349)

Have a look what the booklet for
Android(4278194349) contains.

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Color

Android(4278194349)

Conversions

Conversions Part 1

Format	Color
Hex	0010AD
RGB	0, 16, 173
RGB Percent	0%, 6%, 68%
CMY	1.0000, 0.9373, 0.3216
CMYK	1.00, 0.91, 0.00, 0.32
HSL	234°, 100%, 34%
HSV	234°, 100%, 68%
XYZ	7.7281, 3.3877, 39.7817
YIQ	29.1140, -59.9330, 45.4350

Conversions

Conversions Part 2

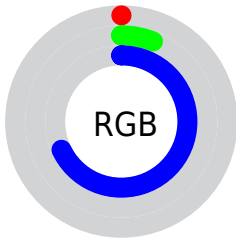
Format	Color
RYB	0, 15, 173
Decimal	4269
CIELab	21.53, 54.83, -78.26
CIElCh	22, 95.558, 305.012
Yxy	3.3877, 0.1518, 0.0666
Android (android.graphics.Color)	4278194349 (0xFF0010AD)
YUV	29.1140, 70.9358, -25.5330
Hunter-Lab	18.4057, 42.7377, -115.2640

Details

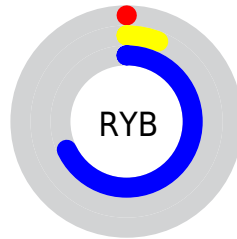
The Android color `4278194349` is a dark color, and the websafe version is hex `000099`. A complement of this color would be `4289568000`, and the grayscale version is `4280032284`.

A 20% lighter version of the original color is `4284498918`, and `4278190199` is the 20% darker color. If you saturate the color by 10%, you get `4278194349`, and if you desaturate by 10%, it is `4279312557`.

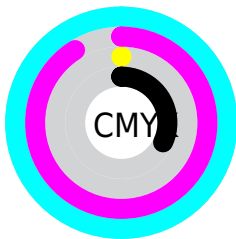
Distribution



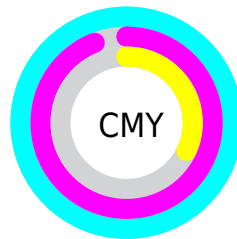
- Red (0%)
- Green (6%)
- Blue (68%)



- Red (0%)
- Yellow (6%)
- Blue (68%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (94%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194349 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 4278194349 by changing the saturation by 10% instead.

 4278194349

 4278194349

4294967295

 4278190226

 4284498918

 4278190199

 4286602495

 4278190173

 4288640767

 4278192196

 4290613503

 4278190893

 4292652031

 4278190359

 4294690815

 4278190080

 4294960383

 4278194349

■ 4279312557

■ 4280496045

■ 4281614253

■ 4282732461

■ 4283916205

■ 4285034157

■ 4286152365

■ 4287270573

■ 4288454061

Harmonies

Analogous

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



4278206409



4278194349



4287103089

Triad

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



4278194349



4285335808



4278208831

Complementary

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



4278194349



4289568000

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.



4278208000



4278194349



4281742848

Square

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



4278194349



4287758336



4278206976



4278209414

Rectangle

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



4278194349



4288544835



4278206976



4278208549

Sweetspot

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



4278194349



4288521184



4278234524



4282928240



4293980400



4285558896

Same Dimension

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



4278194349



4278195680



4282712237



4283322199



4278193814



4278190615

Inverse Universe

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



4289527824



4292870165



4285050112



4283911759



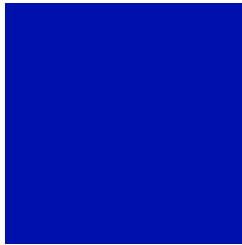
4288020494



4279697410

Previews

White Background



This preview shows how the Android color 4278194349 looks on a white background.

Color Contrast Check

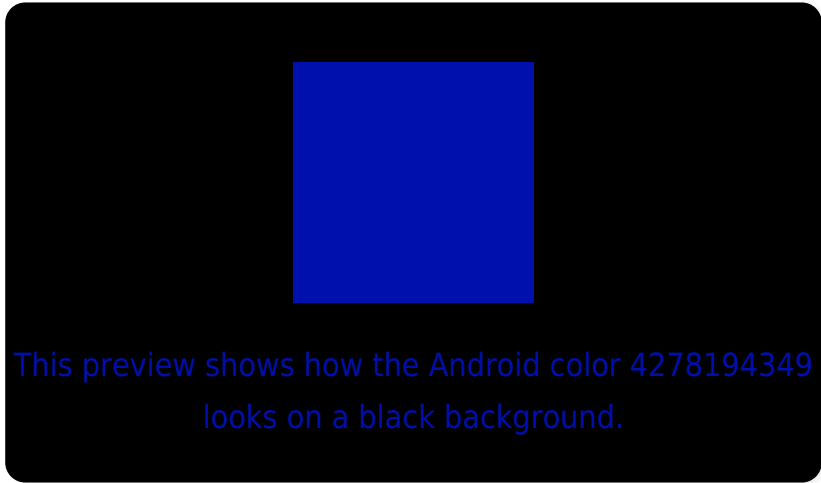
Large Text (above 18pt) WCAG AA ✓ Pass

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

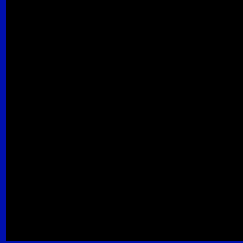
Any Text WCAG AA × Fail

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 4278194349 Background



This preview shows how black text looks on a background with the Android color 4278194349.



This preview shows how white text looks on a background with the Android color 4278194349.

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

4278194349

Protanopia

4278203500

Deuteranopia

4278204252

Trichromacy



Original Color
4278194349

Protanomaly
4278200196

Deuteranomaly
4278200697

Tritanomaly
4278201446

Monochromacy



Original Color
4278194349

Achromatopsia
4280098077

Achromatomaly
4279375953

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194349 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, 16, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 16, 173)  
}
```

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, 16, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 16, 173) }
```

Border

The CSS property to change the border of an element to Android 4278194349 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, 16, 173) }
```

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

```
.border{ border-color:rgb(0, 16, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 16, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 16, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 16, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 16, 173)  
}
```

Background

The CSS property to change the background color of an element to Android 4278194349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 16, 173) }
```

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

```
.background{ background-color: rgb(0, 16,  
173) }
```

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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