

Converting Colors

Android(4278194309)

Have a look what the booklet for
Android(4278194309) contains.

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Color

Android(4278194309)

Conversions

Conversions Part 1

Format	Color
Hex	001085
RGB	0, 16, 133
RGB Percent	0%, 6%, 52%
CMY	1.0000, 0.9373, 0.4784
CMYK	1.00, 0.88, 0.00, 0.48
HSL	233°, 100%, 26%
HSV	233°, 100%, 52%
XYZ	4.4189, 2.0640, 22.3558
YIQ	24.5540, -47.0930, 32.9950

Conversions

Conversions Part 2

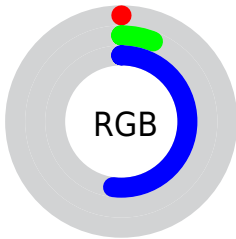
Format	Color
R_{YB}	0, 14, 133
Decimal	4229
CIE _{Lab}	15.82, 42.63, -63.13
CIE _{LCh}	16, 76.176, 304.034
Yxy	2.0640, 0.1532, 0.0716
Android (android.graphics.Color)	4278194309 (0xFF001085)
YUV	24.5540, 53.4639, -21.5339
Hunter-Lab	14.3668, 29.7612, -82.2031

Details

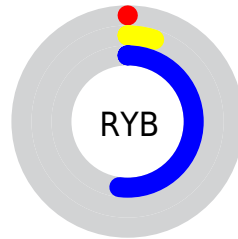
The Android color **4278194309** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4286936320**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4283645627**, and **4278190162** is the 20% darker color. If you saturate the color by 10%, you get **4278194309**, and if you desaturate by 10%, it is **4279049349**.

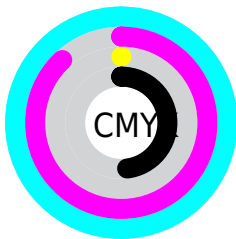
Distribution



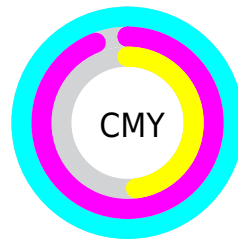
- Red (0%)
- Green (6%)
- Blue (52%)



- Red (0%)
- Yellow (5%)
- Blue (52%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (94%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194309 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 4278194309 by changing the saturation by 10% instead.

 4278194309

 4278194309

 4294965503

 4278190187

 4283645627

 4278190162

 4285552344

 4278191418

 4287459317

 4278190627

 4289432063

 4278190090

 4291339519

 4278190080

 4293312511

 4294958079

 4278194309

■ 4279049349

■ 4279969669

■ 4280824709

■ 4281679749

■ 4282600325

■ 4283455109

■ 4284310149

■ 4285165189

■ 4286085509

Harmonies

Analogous

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



4278202521



4278194309



4284940376

Triad

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



4278194309



4283762432



4278204462

Complementary

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



4278194309



4286936320

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.



4278204160



4278194309



4281084160

Square

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



4278194309



4285595648



4278203136



4278205029

Rectangle

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



4278194309



4286054453



4278203136



4278204443

Sweetspot

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



4278194309



4286152877



4278224243



4281809751



4292269782



4283914071

Same Dimension

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



4278194309



4278195629



4281401477



4282137666



4278194306



4278190083

Inverse Universe

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



4286906384



4289527829



4283729152



4282530876



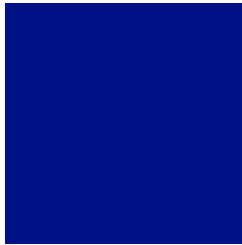
4286709776



4278386688

Previews

White Background



This preview shows how the Android color 4278194309 looks on a white background.

Color Contrast Check

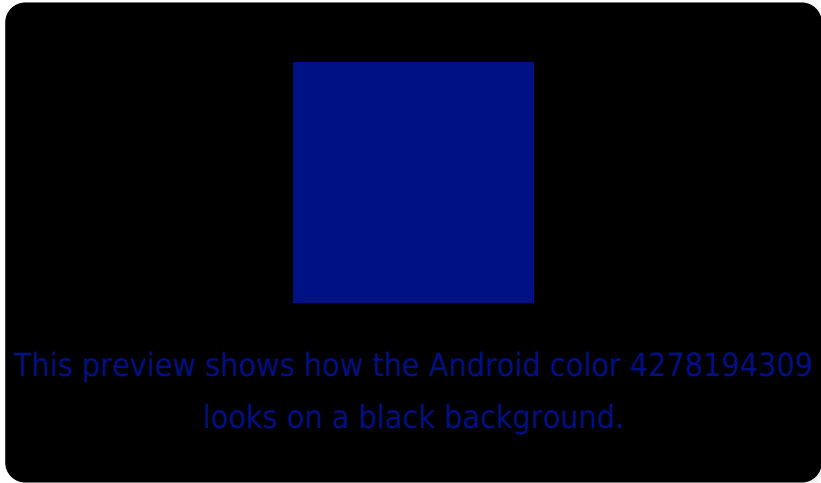
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278194309 Background



This preview shows how black text looks on a background with the Android color 4278194309.



This preview shows how white text looks on a background with the Android color 4278194309.

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

4278194309

Protanopia

4278200405

Deuteranopia

4278201160

Trichromacy



Original Color
4278194309

Protanomaly
4278198118

Deuteranomaly
4278198622

Tritanomaly
4278199376

Monochromacy



Original Color
4278194309

Achromatopsia
4279834905

Achromatomaly
4279244352

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194309 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 16, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 16, 133) }
```

Border

The CSS property to change the border of an element to Android 4278194309 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, 133) }
```

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

```
.border{ border-color:rgb(0, 16, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 16, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 16, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 16, 133)  
}
```

Background

The CSS property to change the background color of an element to Android 4278194309 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, 133) }
```

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

```
.background{ background-color: rgb(0, 16,  
133) }
```

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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