

Converting Colors

Android(4278194090)

Have a look what the booklet for
Android(4278194090) contains.

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Color

Android(4278194090)

Conversions

Conversions Part 1

Format	Color
Hex	000FAA
RGB	0, 15, 170
RGB Percent	0%, 6%, 67%
CMY	1.0000, 0.9412, 0.3333
CMYK	1.00, 0.91, 0.00, 0.33
HSL	235°, 100%, 33%
HSV	235°, 100%, 67%
XYZ	7.4265, 3.2439, 38.2649
YIQ	28.1850, -58.6950, 45.0250

Conversions

Conversions Part 2

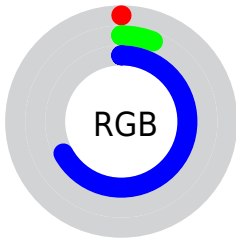
Format	Color
RYB	0, 14, 170
Decimal	4010
CIELab	21.00, 54.29, -77.35
CIELCh	21, 94.505, 305.065
Yxy	3.2439, 0.1518, 0.0663
Android (android.graphics.Color)	4278194090 (0xFF000FAA)
YUV	28.1850, 69.9148, -24.7182
Hunter-Lab	18.0109, 42.0827, -113.3565

Details

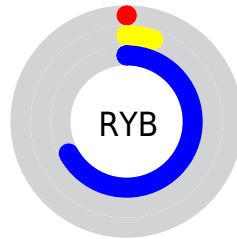
The Android color **4278194090** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4289370880**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4284433123**, and **4278190196** is the 20% darker color. If you saturate the color by 10%, you get **4278194090**, and if you desaturate by 10%, it is **4279312298**.

Distribution



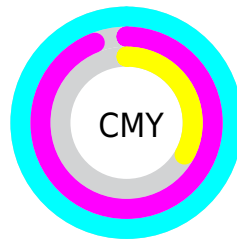
- Red (0%)
- Green (6%)
- Blue (67%)



- Red (0%)
- Yellow (5%)
- Blue (67%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (94%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194090 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 4278194090 by changing the saturation by 10% instead.

 4278194090

 4278194090

4294967295

 4278190223

 4284433123

 4278190196

 4286536703

 4278190426

 4288574975

 4278191938

 4290547711

 4278190891

 4292586239

 4278190357

 4294559487

 4278190080

 4294959871

 4278194090

■ 4279312298

■ 4280430250

■ 4281548458

■ 4282666410

■ 4283784618

■ 4284902570

■ 4286020778

■ 4287138730

■ 4288256938

Harmonies

Analogous

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



4278206150



4278194090



4286972015

Triad

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



4278194090



4285138944



4278208317

Complementary

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



4278194090



4289370880

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.



4278207744



4278194090



4281677056

Square

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



4278194090



4287627264



4278206720



4278208900

Rectangle

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



4278194090



4288348226



4278206720



4278208037

Sweetspot

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



4278194090



4288389598



4278233753



4282927984



4293980400



4285558896

Same Dimension

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



4278194090



4278195422



4282646698



4283190356



4278193556



4278190612

Inverse Universe

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



4289331215



4292739092



4284918272



4283714636



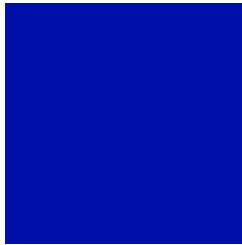
4287889421



4279500802

Previews

White Background



This preview shows how the Android color 4278194090 looks on a white background.

Color Contrast Check

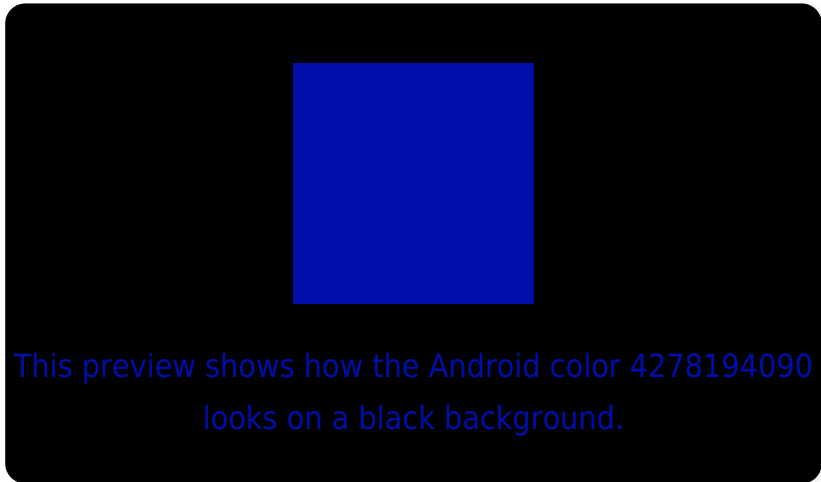
Large Text (above 18pt) WCAG AA ✓ Pass

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

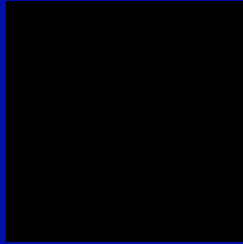
Any Text WCAG AA × Fail

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 4278194090 Background



This preview shows how black text looks on a background with the Android color 4278194090.



This preview shows how white text looks on a background with the Android color 4278194090.

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

4278194090

Protanopia

4278203242

Deuteranopia

4278203994

Trichromacy



Original Color
4278194090

Protanomaly
4278199937

Deuteranomaly
4278200439

Tritanomaly
4278200933

Monochromacy



Original Color
4278194090

Achromatopsia
4280032284

Achromatomaly
4279375696

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194090 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, 15, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 15, 170)  
}
```

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, 15, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 15, 170) }
```

Border

The CSS property to change the border of an element to Android 4278194090 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, 15, 170) }
```

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

```
.border{ border-color:rgb(0, 15, 170) }
```

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

Here you see how a box with a 4 pixel rgb(0, 15, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 15, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 15, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 15, 170)  
}
```

Background

The CSS property to change the background color of an element to Android 4278194090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 15, 170) }
```

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

```
.background{ background-color: rgb(0, 15,  
170) }
```

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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