

Converting Colors

Android(4278399923)

Have a look what the booklet for
Android(4278399923) contains.

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Color

Android(4278399923)

Conversions

Conversions Part 1

Format	Color
Hex	0333B3
RGB	3, 51, 179
RGB Percent	1%, 20%, 70%
CMY	0.9882, 0.8000, 0.2980
CMYK	0.98, 0.72, 0.00, 0.30
HSL	224°, 97%, 36%
HSV	224°, 98%, 70%
XYZ	9.3581, 5.6417, 43.2436
YIQ	51.2400, -69.6960, 29.6320

Conversions

Conversions Part 2

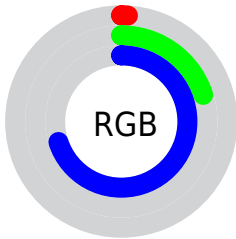
Format	Color
R_{YB}	3, 41, 179
Decimal	209843
CIE _{Lab}	28.49, 39.11, -70.30
CIE _{LCh}	28, 80.452, 299.089
Yxy	5.6417, 0.1607, 0.0969
Android (android.graphics.Color)	4278399923 (0xFF0333B3)
YUV	51.2400, 62.9857, -42.3065
Hunter-Lab	23.7522, 28.7602, -91.3174

Details

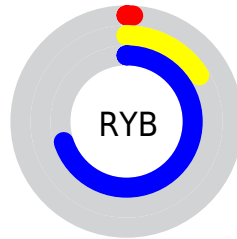
The Android color `4278399923` is a dark color, and the websafe version is hex `0033CC`. A complement of this color would be `4289954563`, and the grayscale version is `4281545523`.

A 20% lighter version of the original color is `4284506860`, and `4278193021` is the 20% darker color. If you saturate the color by 10%, you get `4278202803`, and if you desaturate by 10%, it is `4279582899`.

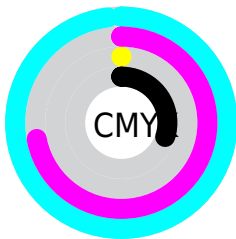
Distribution



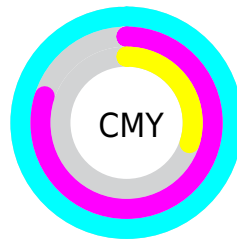
- Red (1%)
- Green (20%)
- Blue (70%)



- Red (1%)
- Yellow (16%)
- Blue (70%)



- Cyan (98%)
- Magenta (72%)
- Yellow (0%)
- Black (30%)



- Cyan (99%)
- Magenta (80%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278399923 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 4278399923 by changing the saturation by 10% instead.

■ 4278399923

■ 4278399923

4294967295

■ 4278197912

■ 4284506860

■ 4278193021

■ 4286544895

■ 4278190179

■ 4288517631

■ 4278192458

■ 4290555903

■ 4278191154

■ 4292529151

■ 4278190620

■ 4294502399

■ 4278190080


■ 4278399923

■ 4278399923

■ 4278202803

■ 4279582899

 4280765875

 4281948851

 4283131827

 4284249267

 4285432243

 4286615219

 4287798195

 4288981171

Harmonies

Analogous

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



4278210244



4278399923



4286972036

Triad

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



4278399923



4286782720



4278212672

Complementary

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



4278399923



4289954563

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.



4278212096



4278399923



4283777280

Square

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



4278399923



4288675852



4278407168



4278213247

Rectangle

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



4278399923



4288675933



4278407168



4278212649

Sweetspot

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



4278399923



4289050600



4278432641



4283193205



4294309365



4285887861

Same Dimension

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



4278399923



4278206440



4280878003



4283454297



4278200985



4278191898

Inverse Universe

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



4289921843



4293394495



4287476483



4284043347



4288217130



4279894023

Previews

White Background



This preview shows how the Android color 4278399923 looks on a white background.

Color Contrast Check

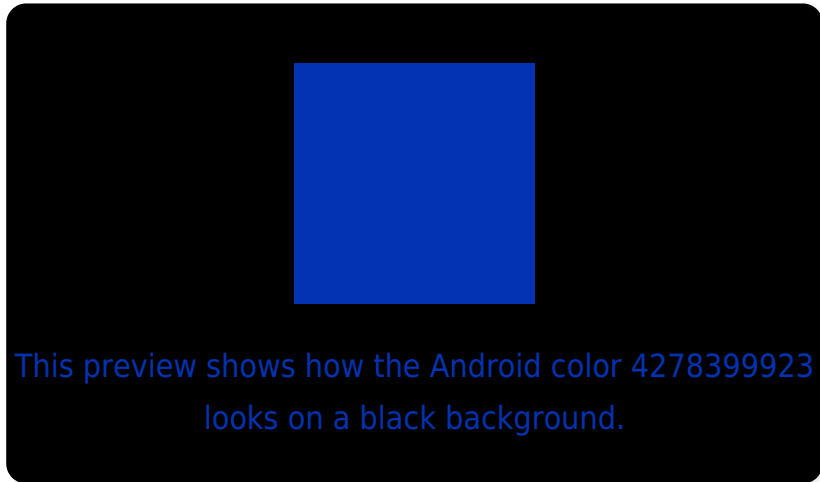
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278399923 Background



This preview shows how black text looks on a background with the Android color 4278399923.



This preview shows how white text looks on a background with the Android color 4278399923.

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

4278399923

Protanopia

4278206857

Deuteranopia

4278207861

Trichromacy



Original Color

4278399923

Protanomaly

4278271128

Deuteranomaly

4278271628

Tritanomaly

4278272627

Monochromacy



Original Color

4278399923

Achromatopsia

4281545523

Achromatomaly

4280431458

CSS Examples

Text

The CSS property to change the color of the text to Android 4278399923 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(3, 51, 179)` looks like.

```
.text, #text, p{  
    color:rgb(3, 51, 179)  
}
```

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(3, 51, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 51, 179) }
```

Border

The CSS property to change the border of an element to Android 4278399923 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(3, 51, 179) }
```

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

```
.border{ border-color:rgb(3, 51, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 51, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 51, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 51, 179);  
box-shadow:4px 4px 4px 4px rgb(3, 51, 179)  
}
```

Background

The CSS property to change the background color of an element to Android 4278399923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 51, 179) }
```

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

```
.background{ background-color: rgb(3, 51,  
179) }
```

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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