

Converting Colors

Android(4278199434)

Have a look what the booklet for
Android(4278199434) contains.

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Color

Android(4278199434)

Conversions

Conversions Part 1	
Format	Color
Hex	00248A
RGB	0, 36, 138
RGB Percent	0%, 14%, 54%
CMY	1.0000, 0.8588, 0.4588
CMYK	1.00, 0.74, 0.00, 0.46
HSL	224°, 100%, 27%
HSV	224°, 100%, 54%
XYZ	5.2183, 3.0967, 24.3674
YIQ	36.8640, -54.1980, 24.0900

Conversions

Conversions Part 2

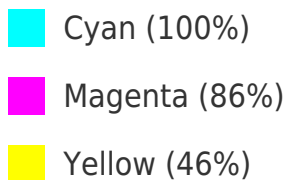
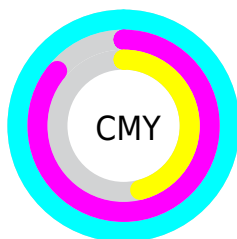
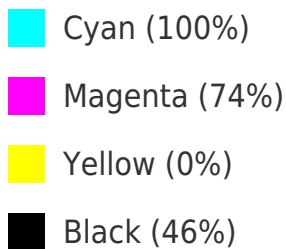
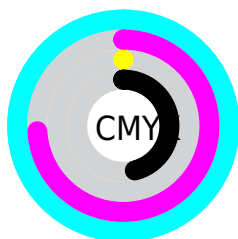
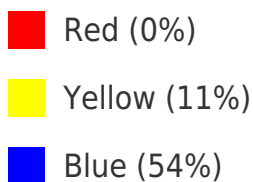
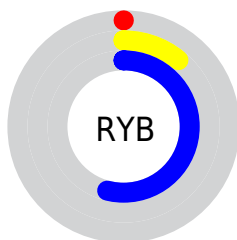
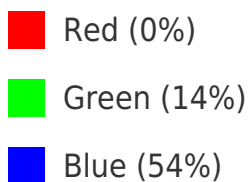
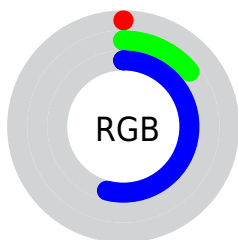
Format	Color
RYB	0, 29, 138
Decimal	9354
CIELab	20.43, 33.02, -58.62
CIELCh	20, 67.282, 299.393
Yxy	3.0967, 0.1597, 0.0948
Android (android.graphics.Color)	4278199434 (0xFF00248A)
YUV	36.8640, 49.8600, -32.3297
Hunter-Lab	17.5975, 22.1362, -69.7811

Details

The Android color **4278199434** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4287260160**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4283584961**, and **4278190167** is the 20% darker color. If you saturate the color by 10%, you get **4278199434**, and if you desaturate by 10%, it is **4279119498**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4278199434 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 4278199434 by changing the saturation by 10% instead.

 4278199434

 4278199434

4294967295

 4278194288

 4283584961

 4278190167

 4285557213


 4278191678

 4287464186

 4278190888

 4289371647

 4278190353

 4291278847

 4278190080

 4293252095


 4294963455

 4278199434

 4279119498

 4280039562

 4280894346

 4281814410

 4282734474

 4283654538

 4284574602

 4285429386

 4286349450

Harmonies

Analogous

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



4278205080



4278199434



4284940389

Triad

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



4278199434



4284683008



4278207023

Complementary

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



4278199434



4287260160

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.



4278206464



4278199434



4282331136

Square

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



4278199434



4286251008



4278205184



4278207329

Rectangle

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



4278199434



4286251077



4278205184



4278206749

Sweetspot

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



4278199434



4286417843



4278225509



4281942617



4292467161



4284045657

Same Dimension

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



4278199434



4278202291



4280287370



4282269765



4278199173



4278190341

Inverse Universe

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



4287234084



4289921071



4285172224



4282728000



4286906403



4278517761

Previews

White Background



This preview shows how the Android color 4278199434 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



This preview shows how the Android color 4278199434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

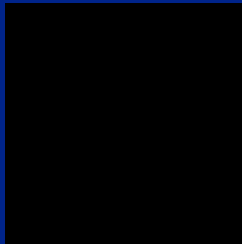
Any Text WCAG AA × Fail

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 4278199434 Background



This preview shows how black text looks on a background with the Android color 4278199434.



This preview shows how white text looks on a background with the Android color 4278199434.

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

4278199434

Protanopia

4278202726

Tritanopia

4278204475

Trichromacy



Original Color
4278199434

Protanomaly
4278201459

Tritanomaly
4278202712

Monochromacy



Original Color
4278199434

Achromatopsia
4280624421

Achromatomaly
4279772490

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199434 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, 36, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 138)  
}
```

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, 36, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 138) }
```

Border

The CSS property to change the border of an element to Android 4278199434 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, 36, 138) }
```

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

```
.border{ border-color:rgb(0, 36, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 36, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 36, 138)  
}
```

Background

The CSS property to change the background color of an element to Android 4278199434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 36, 138) }
```

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

```
.background{ background-color:rgb(0, 36,  
138) }
```

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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