

Converting Colors

Android(4278323348)

Have a look what the booklet for
Android(4278323348) contains.

Android(4278323348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278323348)

Conversions

Conversions Part 1

Format	Color
Hex	020894
RGB	2, 8, 148
RGB Percent	1%, 3%, 58%
CMY	0.9922, 0.9686, 0.4196
CMYK	0.99, 0.95, 0.00, 0.42
HSL	238°, 97%, 29%
HSV	238°, 99%, 58%
XYZ	5.4572, 2.3247, 28.1781
YIQ	22.1660, -48.5160, 42.2680

Conversions

Conversions Part 2

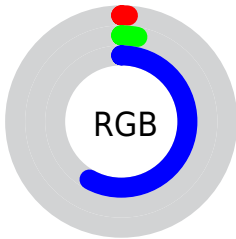
Format	Color
R_{YB}	2, 8, 148
Decimal	133268
CIE _{Lab}	17.11, 50.19, -70.37
CIE _{LCh}	17, 86.437, 305.497
Yxy	2.3247, 0.1518, 0.0646
Android (android.graphics.Color)	4278323348 (0xFF020894)
YUV	22.1660, 62.0362, -17.6856
Hunter-Lab	15.2469, 37.2064, -98.9018

Details

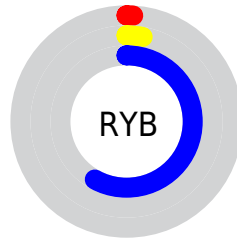
The Android color **4278323348** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4287925762**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4284038092**, and **4278190176** is the 20% darker color. If you saturate the color by 10%, you get **4278191764**, and if you desaturate by 10%, it is **4279309972**.

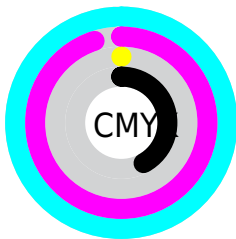
Distribution



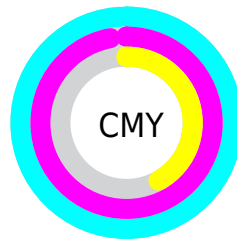
- Red (1%)
- Green (3%)
- Blue (58%)



- Red (1%)
- Yellow (3%)
- Blue (58%)



- Cyan (99%)
- Magenta (95%)
- Yellow (0%)
- Black (42%)



- Cyan (99%)
- Magenta (97%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278323348 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 4278323348 by changing the saturation by 10% instead.

 4278323348

 4278323348

 4294965247

 4278190201

 4284038092

 4278190176

 4286076136

 4278192199

 4287983103

 4278191151

 4289955839

 4278190362

 4291928831

 4278190080

 4293902079

 4294957823

 4278323348

 4278323348

■ 4278191764

■ 4279309972

■ 4280296596

■ 4281217940

■ 4282204564

■ 4283191188

■ 4284177812

■ 4285164436

■ 4286085780

■ 4287072404

Harmonies

Analogous

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



4278203565



4278323348



4285857887

Triad

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



4278323348



4284155392



4278205493

Complementary

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



4278323348



4287925762

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.



4278205184



4278323348



4281019648

Square

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



4278323348



4286316544



4278204160



4278206323

Rectangle

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



4278323348



4287037495



4278204160



4278205215

Sweetspot

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



4278323348



4287006911



4278359181



4282269537



4292927712



4284572001

Same Dimension

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



4278323348



4278192319



4282647188



4282598218



4278191754



4278190090

Inverse Universe

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



4287889928



4290707464



4283601922



4283056963



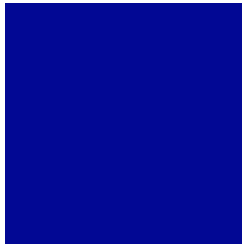
4287234054



4278845440

Previews

White Background



This preview shows how the Android color 4278323348 looks on a white background.

Color Contrast Check

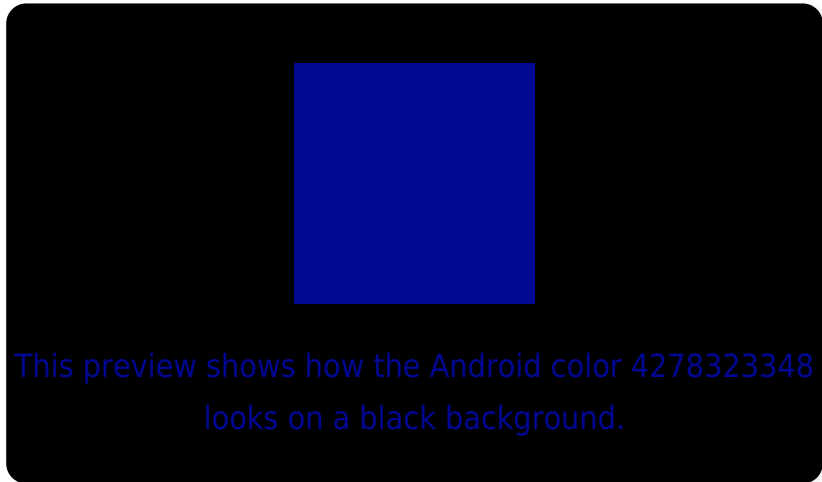
Large Text (above 18pt) WCAG AA ✓ Pass

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

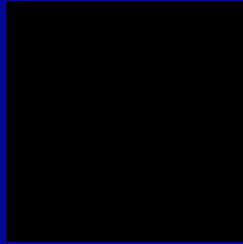
Any Text WCAG AA × Fail

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 4278323348 Background



This preview shows how black text looks on a background with the Android color 4278323348.



This preview shows how white text looks on a background with the Android color 4278323348.

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

4278323348

Protanopia

4278201435

Deuteranopia

4278202189

Trichromacy



Original Color
4278323348

Protanomaly
4278263664

Deuteranomaly
4278264167

Tritanomaly
4278264663

Monochromacy



Original Color
4278323348

Achromatopsia
4279637526

Achromatomaly
4279177540

CSS Examples

Text

The CSS property to change the color of the text to Android 4278323348 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(2, 8, 148)` looks like.

```
.text, #text, p{  
    color:rgb(2, 8, 148)  
}
```

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(2, 8, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 8, 148) }
```

Border

The CSS property to change the border of an element to Android 4278323348 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(2, 8, 148) }
```

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

```
.border{ border-color:rgb(2, 8, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 8, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 8, 148); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 8, 148); box-shadow:4px  
4px 4px 4px rgb(2, 8, 148) }
```

Background

The CSS property to change the background color of an element to Android 4278323348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 8, 148) }
```

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

```
.background{ background-color: rgb(2, 8,  
148) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor