

Converting Colors

Android(4280352939)

Have a look what the booklet for
Android(4280352939) contains.

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Color

Android(4280352939)

Conversions

Conversions Part 1

Format	Color
Hex	2100AB
RGB	33, 0, 171
RGB Percent	13%, 0%, 67%
CMY	0.8706, 1.0000, 0.3294
CMYK	0.81, 1.00, 0.00, 0.33
HSL	252°, 100%, 34%
HSV	252°, 100%, 67%
XYZ	7.9779, 3.2636, 38.7375
YIQ	29.3610, -35.2230, 60.1770

Conversions

Conversions Part 2

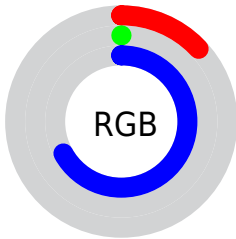
Format	Color
RYB	33, 0, 171
Decimal	2162859
CIELab	21.07, 59.14, -77.80
CIElCh	21, 97.725, 307.237
Yxy	3.2636, 0.1596, 0.0653
Android (android.graphics.Color)	4280352939 (0xFF2100AB)
YUV	29.3610, 69.8280, 3.1914
Hunter-Lab	18.0655, 47.2128, -114.4890

Details

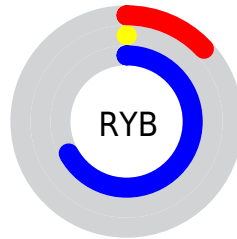
The Android color **4280352939** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4287277824**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4285218020**, and **4278190197** is the 20% darker color. If you saturate the color by 10%, you get **4280352939**, and if you desaturate by 10%, it is **4281274795**.

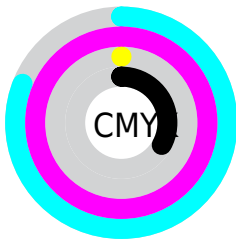
Distribution



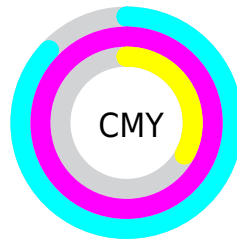
- Red (13%)
- Green (0%)
- Blue (67%)



- Red (13%)
- Yellow (0%)
- Blue (67%)



- Cyan (81%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280352939 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 4280352939 by changing the saturation by 10% instead.

 4280352939

 4280352939

 4294966271

 4278190224

 4285218020

 4278190197

 4287256319

 4278190171

 4289229055

 4278191939

 4291201791

 4278190891

 4293240575

 4278190358

 4294951679

 4278190080

 4294958847

 4280352939

■ 4281274795

■ 4282196651

■ 4283052971

■ 4283974827

■ 4284896683

■ 4285818795

■ 4286740651

■ 4287596971

■ 4288518827

Harmonies

Analogous

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



4278205899



4280352939



4287365228

Triad

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



4280352939



4285074944



4278208324

Complementary

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



4280352939



4287277824

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.



4278208000



4280352939



4281284352

Square

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



4280352939



4287627264



4278206976



4278209164

Rectangle

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



4280352939



4288610365



4278206976



4278208298

Sweetspot

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



4280352939



4289240030



4278226091



4283451504



4293980400



4285558896

Same Dimension

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



4280352939



4281008350



4285857963



4283453015



4280090774



4278452247

Inverse Universe

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



4289396874



4292739251



4281772800



4283911765



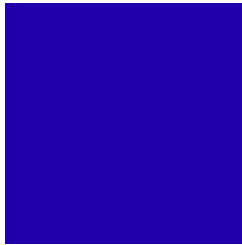
4288020601



4279697427

Previews

White Background



This preview shows how the Android color 4280352939 looks on a white background.

Color Contrast Check

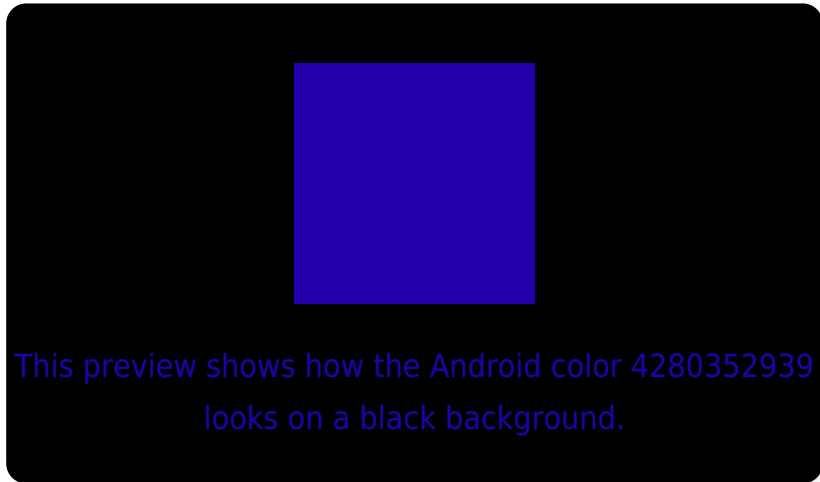
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280352939 Background



This preview shows how black text looks on a background with the Android color 4280352939.



This preview shows how white text looks on a background with the Android color 4280352939.

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
4280352939

Protanopia
4278203501

Deuteranopia
4278204252

Trichromacy



Original Color
4280352939

Protanomaly
4278985092

Deuteranomaly
4278985593

Tritanomaly
4278986342

Monochromacy



Original Color
4280352939

Achromatopsia
4280098077

Achromatomaly
4280160849

CSS Examples

Text

The CSS property to change the color of the text to Android 4280352939 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(33, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(33, 0, 171)  
}
```

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(33, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 0, 171) }
```

Border

The CSS property to change the border of an element to Android 4280352939 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(33, 0, 171) }
```

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

```
.border{ border-color:rgb(33, 0, 171) }
```

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

Here you see how a box with a 4 pixel rgb(33, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(33, 0, 171)  
}
```

Background

The CSS property to change the background color of an element to Android 4280352939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 0, 171) }
```

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

```
.background{ background-color: rgb(33, 0,  
171) }
```

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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