

Converting Colors

Android(4280946339)

Have a look what the booklet for
Android(4280946339) contains.

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Color

Android(4280946339)

Conversions

Conversions Part 1

Format	Color
Hex	2A0EA3
RGB	42, 14, 163
RGB Percent	16%, 5%, 64%
CMY	0.8353, 0.9451, 0.3608
CMYK	0.74, 0.91, 0.00, 0.36
HSL	251°, 84%, 35%
HSV	251°, 91%, 64%
XYZ	7.7227, 3.4507, 34.9093
YIQ	39.3580, -31.1410, 52.2750

Conversions

Conversions Part 2

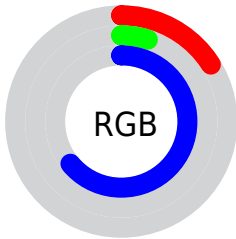
Format	Color
R_{YB}	42, 14, 163
Decimal	2756259
CIE _{Lab}	21.77, 53.78, -71.77
CIE _{LCh}	22, 89.687, 306.845
Yxy	3.4507, 0.1676, 0.0749
Android (android.graphics.Color)	4280946339 (0xFF2A0EA3)
YUV	39.3580, 60.9555, 2.3170
Hunter-Lab	18.5760, 41.7014, -98.4191

Details

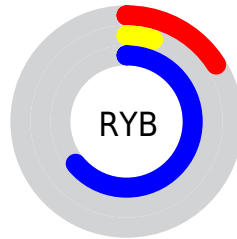
The Android color **4280946339** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4287079182**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4285350875**, and **4278190190** is the 20% darker color. If you saturate the color by 10%, you get **4280221859**, and if you desaturate by 10%, it is **4281802403**.

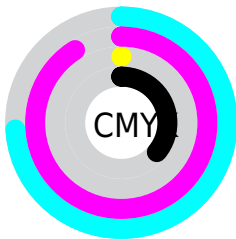
Distribution



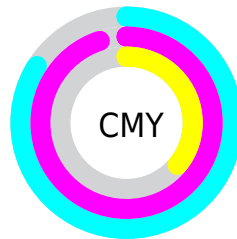
- Red (16%)
- Green (5%)
- Blue (64%)



- Red (16%)
- Yellow (5%)
- Blue (64%)



- Cyan (74%)
- Magenta (91%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280946339 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 4280946339 by changing the saturation by 10% instead.

 4280946339

 4280946339

4294967295

 4278190216

 4285350875

 4278190190

 4287323384

 4278190164

 4289296127

 4278191676

 4291268863

 4278190629

 4293242111

 4278190350

 4294953215

 4278190080

 4294960383

 4280946339

 4280946339

■ 4280221859

■ 4281802403

■ 4282658723

■ 4283580323

■ 4284436387

■ 4285292707

■ 4286148771

■ 4287070371

■ 4287926435

■ 4288782755

Harmonies

Analogous

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



4278205887



4280946339



4287037546

Triad

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



4280946339



4285011200



4278208835

Complementary

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



4280946339



4287079182

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



4280946339



4281546496

Square

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



4280946339



4287430656



4278206976



4278209157

Rectangle

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



4280946339



4288217151



4278206976



4278208555

Sweetspot

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



4280946339



4289043412



4279142563



4283386219



4293651435



4285229931

Same Dimension

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



4280946339



4280811732



4285796003



4283124050



4279959697



4278386706

Inverse Universe

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



4288876167



4292083884



4282229518



4283582800



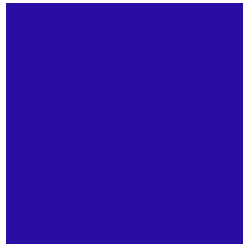
4287692918



4279369742

Previews

White Background



This preview shows how the Android color 4280946339 looks on a white background.

Color Contrast Check

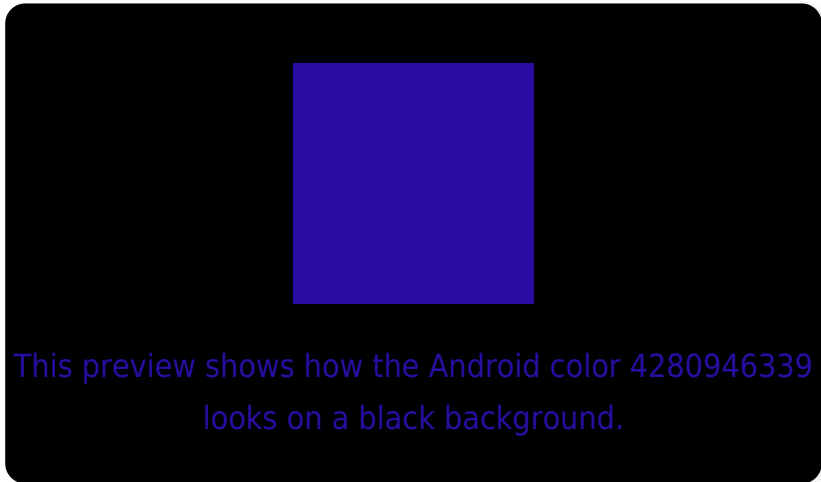
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280946339 Background



This preview shows how black text looks on a background with the Android color 4280946339.



This preview shows how white text looks on a background with the Android color 4280946339.

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
4280946339

Protanopia
4278203501

Deuteranopia
4278204252

Trichromacy



Original Color
4280946339

Protanomaly
4279182977

Deuteranomaly
4279183478

Tritanomaly
4279184227

Monochromacy



Original Color
4280946339

Achromatopsia
4280756007

Achromatomaly
4280819284

CSS Examples

Text

The CSS property to change the color of the text to Android 4280946339 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(42, 14, 163)` looks like.

```
.text, #text, p{  
    color:rgb(42, 14, 163)  
}
```

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(42, 14, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 14, 163) }
```

Border

The CSS property to change the border of an element to Android 4280946339 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(42, 14, 163) }
```

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

```
.border{ border-color:rgb(42, 14, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 14, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 14, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 14, 163);  
box-shadow:4px 4px 4px 4px rgb(42, 14,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4280946339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 14, 163) }
```

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

```
.background{ background-color: rgb(42, 14,  
163) }
```

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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