

Converting Colors

Android(4280418390)

Have a look what the booklet for
Android(4280418390) contains.

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Color

Android(4280418390)

Conversions

Conversions Part 1

Format	Color
Hex	220056
RGB	34, 0, 86
RGB Percent	13%, 0%, 34%
CMY	0.8667, 1.0000, 0.6627
CMYK	0.60, 1.00, 0.00, 0.66
HSL	264°, 100%, 17%
HSV	264°, 100%, 34%
XYZ	2.3394, 1.0120, 8.8761
YIQ	19.9700, -7.3420, 33.9540

Conversions

Conversions Part 2

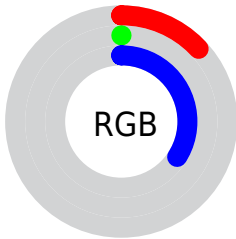
Format	Color
R _Y B	34, 0, 86
Decimal	2228310
CIE Lab	9.09, 37.29, -43.46
CIE LCh	9, 57.267, 310.633
Yxy	1.0120, 0.1913, 0.0828
Android (android.graphics.Color)	4280418390 (0xFF220056)
YUV	19.9700, 32.5528, 12.3043
Hunter-Lab	10.0597, 23.9063, -45.2727

Details

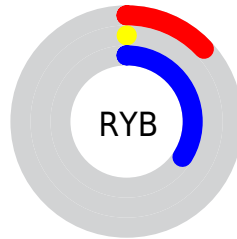
The Android color **4280418390** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4281619968**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4283903881**, and **4278190887** is the 20% darker color. If you saturate the color by 10%, you get **4280418390**, and if you desaturate by 10%, it is **4280748374**.

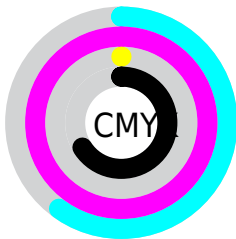
Distribution



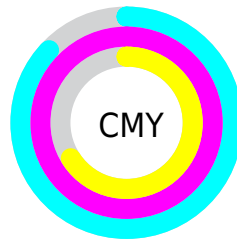
- Red (13%)
- Green (0%)
- Blue (34%)



- Red (13%)
- Yellow (0%)
- Blue (34%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (66%)



- Cyan (87%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280418390 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 4280418390 by changing the saturation by 10% instead.

 4280418390

 4280418390

 4294960895

 4278976574

 4283903881

 4278190887

 4285613987

 4278190353

 4287389887

 4278190080

 4289231323

 4291073016

 4292980479

 4294888191

 4280418390

■ 4280748374

■ 4281078102

■ 4281473622

■ 4281803350

■ 4282133334

■ 4282463318

■ 4282793046

■ 4283188566

■ 4283518294

Harmonies

Analogous

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



4278197609



4280418390



4283170868

Triad

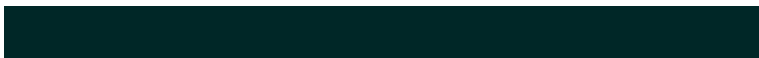
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280418390



4281666560



4278200103

Complementary

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



4280418390



4281619968

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.



4278199808



4280418390



4279508224

Square

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



4280418390



4283105280



4278199552



4278200652

Rectangle

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



4280418390



4283760667



4278199552



4278199834

Sweetspot

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



4280418390



4284239728



4278203734



4281082936



4290295992



4281874488

Same Dimension

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



4280418390



4281073776



4283170902



4280887083



4280942699



4284285163

Inverse Universe

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



4283826228



4285530180



4278867456



4281018154



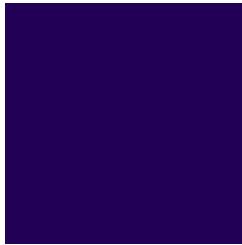
4285202497



4293591182

Previews

White Background



This preview shows how the Android color 4280418390 looks on a white background.

Color Contrast Check

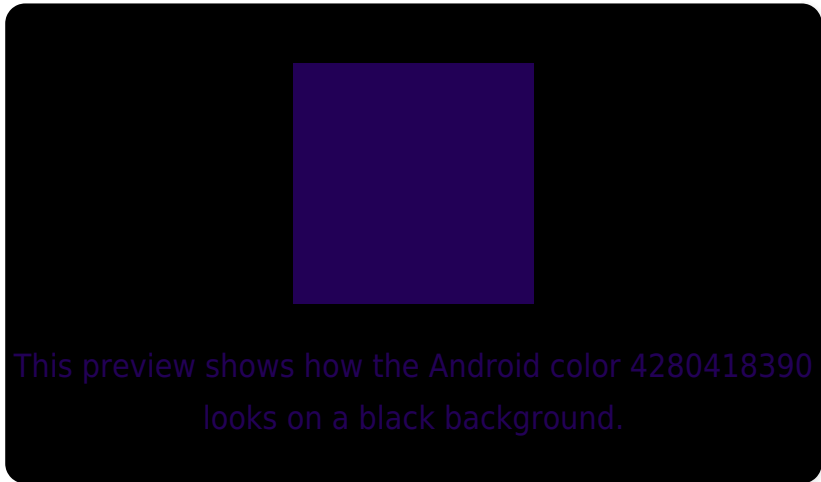
Large Text (above 18pt) WCAG AA ✓ Pass

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

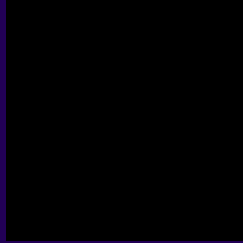
Any Text WCAG AA × Fail

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 4280418390 Background



This preview shows how black text looks on a background with the Android color 4280418390.



This preview shows how white text looks on a background with the Android color 4280418390.

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

4280418390

Protanopia

4278197565

Deuteranopia

4278198068

Trichromacy



Original Color
4280418390

Protanomaly
4278981190

Deuteranomaly
4278981696

Tritanomaly
4279309622

Monochromacy



Original Color
4280418390

Achromatopsia
4279505940

Achromatomaly
4279831852

CSS Examples

Text

The CSS property to change the color of the text to Android 4280418390 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(34, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(34, 0, 86)  
}
```

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(34, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 86) }
```

Border

The CSS property to change the border of an element to Android 4280418390 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(34, 0, 86) }
```

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

```
.border{ border-color:rgb(34, 0, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 0, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 0, 86); box-shadow:4px  
4px 4px 4px rgb(34, 0, 86) }
```

Background

The CSS property to change the background color of an element to Android 4280418390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 0, 86) }
```

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

```
.background{ background-color: rgb(34, 0,  
86) }
```

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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