

Converting Colors

Android(4280418396)

Have a look what the booklet for
Android(4280418396) contains.

Android(4280418396)	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(4280418396)

Conversions

Conversions Part 1

Format	Color
Hex	22005C
RGB	34, 0, 92
RGB Percent	13%, 0%, 36%
CMY	0.8667, 1.0000, 0.6392
CMYK	0.63, 1.00, 0.00, 0.64
HSL	262°, 100%, 18%
HSV	262°, 100%, 36%
XYZ	2.5915, 1.1128, 10.2034
YIQ	20.6540, -9.2680, 35.8200

Conversions

Conversions Part 2

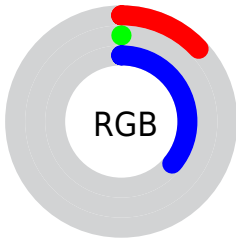
Format	Color
R_{YB}	34, 0, 92
Decimal	2228316
CIE Lab	9.90, 38.86, -46.19
CIE LCh	10, 60.364, 310.074
Yxy	1.1128, 0.1863, 0.0800
Android (android.graphics.Color)	4280418396 (0xFF22005C)
YUV	20.6540, 35.1736, 11.7044
Hunter-Lab	10.5489, 25.3901, -49.9641

Details

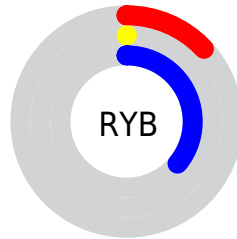
The Android color **4280418396** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282014720**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4283969679**, and **4278190893** is the 20% darker color. If you saturate the color by 10%, you get **4280418396**, and if you desaturate by 10%, it is **4280813916**.

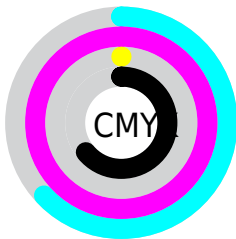
Distribution



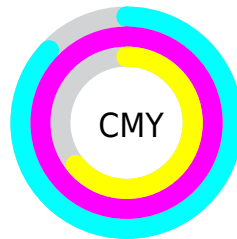
- Red (13%)
- Green (0%)
- Blue (36%)



- Red (13%)
- Yellow (0%)
- Blue (36%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280418396 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 4280418396 by changing the saturation by 10% instead.

 4280418396

 4280418396

 4294961407

 4278911044

 4283969679

 4278190893

 4285745322

 4278190359

 4287521222

 4278190080

 4289362658

 4291204607

 4293112063

 4294953983

 4280418396

■ 4280813916

■ 4281209436

■ 4281539676

■ 4281935196

■ 4282330716

■ 4282726236

■ 4283121756

■ 4283451996

■ 4283847516

Harmonies

Analogous

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



4278198128



4280418396



4283498552

Triad

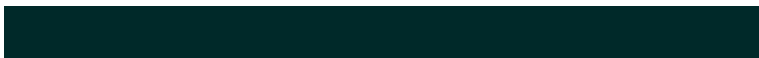
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280418396



4281863424



4278200617

Complementary

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



4280418396



4282014720

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.



4278200320



4280418396



4279639552

Square

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



4280418396



4283432960



4278200064



4278201169

Rectangle

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



4280418396



4284088349



4278200064



4278200346

Sweetspot

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



4280418396



4284568696



4278205020



4281280317



4290624957



4282203453

Same Dimension

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



4280418396



4281073784



4283433052



4281018670



4280877166



4283957485

Inverse Universe

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



4284219450



4286054476



4279000064



4281215276



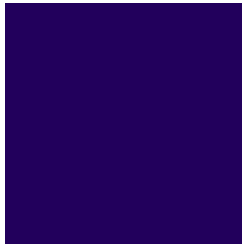
4285399109



4293722262

Previews

White Background



This preview shows how the Android color 4280418396 looks on a white background.

Color Contrast Check

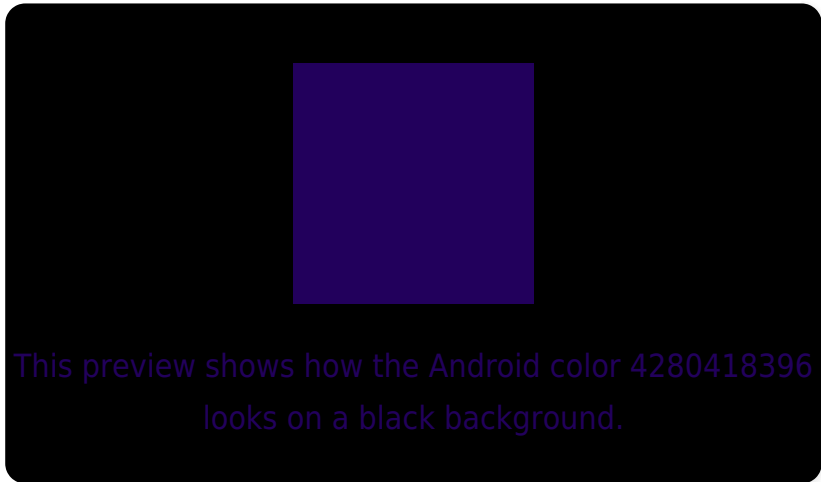
Large Text (above 18pt) WCAG AA ✓ Pass

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

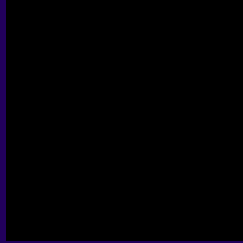
Any Text WCAG AA × Fail

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 4280418396 Background



This preview shows how black text looks on a background with the Android color 4280418396.



This preview shows how white text looks on a background with the Android color 4280418396.

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
4280418396

Protanopia
4278198081

Deuteranopia
4278198583

Trichromacy



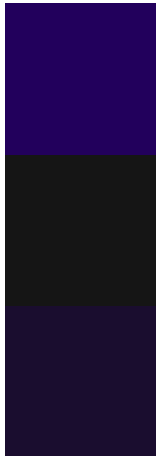
Original Color
4280418396

Protanomaly
4278981707

Deuteranomaly
4278981956

Tritanomaly
4278982202

Monochromacy



Original Color
4280418396

Achromatopsia
4279571733

Achromatomaly
4279897391

CSS Examples

Text

The CSS property to change the color of the text to Android 4280418396 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(34, 0, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 92) }
```

Border

The CSS property to change the border of an element to Android 4280418396 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, 92) }
```

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

```
.border{ border-color:rgb(34, 0, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 0, 92); box-shadow:4px  
4px 4px 4px rgb(34, 0, 92) }
```

Background

The CSS property to change the background color of an element to Android 4280418396 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, 92) }
```

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

```
.background{ background-color: rgb(34, 0,  
92) }
```

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