

Converting Colors

Android(4280100936)

Have a look what the booklet for
Android(4280100936) contains.

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Color

Android(4280100936)

Conversions

Conversions Part 1

Format	Color
Hex	1D2848
RGB	29, 40, 72
RGB Percent	11%, 16%, 28%
CMY	0.8863, 0.8431, 0.7176
CMYK	0.60, 0.44, 0.00, 0.72
HSL	225°, 43%, 20%
HSV	225°, 60%, 28%
XYZ	2.4352, 2.2467, 6.4362
YIQ	40.3590, -16.8280, 7.6200

Conversions

Conversions Part 2

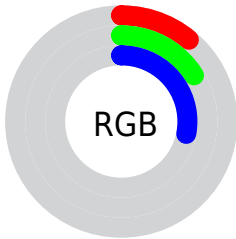
Format	Color
R_{YB}	29, 38, 72
Decimal	1910856
CIE _{Lab}	16.73, 6.32, -21.47
CIE _{LCh}	17, 22.384, 286.388
Yxy	2.2467, 0.2190, 0.2021
Android (android.graphics.Color)	4280100936 (0xFF1D2848)
YUV	40.3590, 15.5990, -9.9618
Hunter-Lab	14.9889, 2.7696, -14.9667

Details

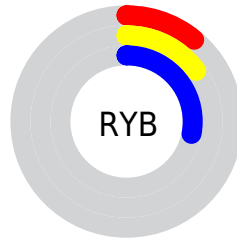
The Android color **4280100936** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282924317**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4283258233**, and **4278190620** is the 20% darker color. If you saturate the color by 10%, you get **4279640904**, and if you desaturate by 10%, it is **4280560968**.

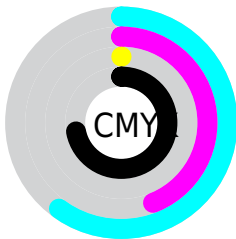
Distribution



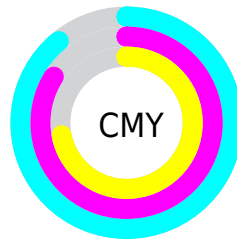
- Red (11%)
- Green (16%)
- Blue (28%)



- Red (11%)
- Yellow (15%)
- Blue (28%)



- Cyan (60%)
- Magenta (44%)
- Yellow (0%)
- Black (72%)



- Cyan (89%)
- Magenta (84%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280100936 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 4280100936 by changing the saturation by 10% instead.

■ 4280100936

■ 4280100936

4294967295

■ 4278457393

■ 4283258233

■ 4278190620

■ 4284837267

■ 4278190080

■ 4286547629

■ 4288258249

■ 4290034661

■ 4291876863

■ 4293784575

■ 4280100936

■ 4280100936

■ 4279640904

■ 4280560968

■ 4279180616

■ 4281021256

■ 4278655048

■ 4281546824

■ 4278195016

■ 4282006856

■ 4278194760

■ 4282467144

■ 4282927176

■ 4283387464

■ 4283913032

■ 4284373064

Harmonies

Analogous

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



4278201672



4280100936



4281671999

Triad

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



4280100936



4282589203



4278202657

Complementary

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



4280100936



4282924317

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.



4279709458



4280100936



4281935367

Square

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



4280100936



4282850081



4280953606



4278202674

Rectangle

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



4280100936



4282326582



4280953606



4278530076

Sweetspot

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



4280100936



4283257438



4280109117



4280690992



4289769648



4281348144

Same Dimension

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



4280100936



4279905374



4280753480



4280295716



4278196579



4278205155

Inverse Universe

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



4282916136



4284357164



4282271773



4280557601



4284678169



4293066810

Previews

White Background



This preview shows how the Android color 4280100936 looks on a white background.

Color Contrast Check

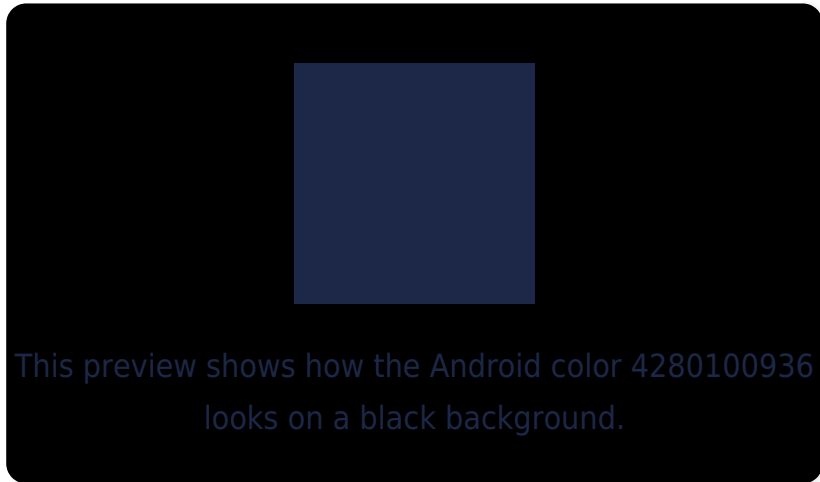
Large Text (above 18pt) WCAG AA ✓ Pass

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

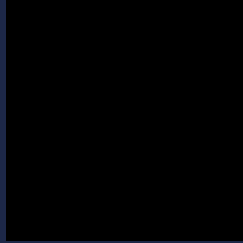
Any Text WCAG AA × Fail

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 4280100936 Background



This preview shows how black text looks on a background with the Android color 4280100936.



This preview shows how white text looks on a background with the Android color 4280100936.

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
4280100936

Protanopia
4279969864

Deuteranopia
4279380552

Trichromacy



Original Color

4280100936

Protanomaly

4280035400

Deuteranomaly

4279642440

Tritanomaly

4279708473

Monochromacy



Original Color

4280100936

Achromatopsia

4280821800

Achromatomaly

4280559668

CSS Examples

Text

The CSS property to change the color of the text to Android 4280100936 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(29, 40, 72)` looks like.

```
.text, #text, p{  
    color:rgb(29, 40, 72)  
}
```

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(29, 40, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 40, 72) }
```

Border

The CSS property to change the border of an element to Android 4280100936 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(29, 40, 72) }
```

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

```
.border{ border-color:rgb(29, 40, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 40, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 40, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 40, 72);  
box-shadow:4px 4px 4px 4px rgb(29, 40, 72)  
}
```

Background

The CSS property to change the background color of an element to Android 4280100936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 40, 72) }
```

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

```
.background{ background-color: rgb(29, 40,  
72) }
```

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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