

Converting Colors

Android(4278198600)

Have a look what the booklet for
Android(4278198600) contains.

Android(4278198600)	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(4278198600)

Conversions

Conversions Part 1

Format	Color
Hex	002148
RGB	0, 33, 72
RGB Percent	0%, 13%, 28%
CMY	1.0000, 0.8706, 0.7176
CMYK	1.00, 0.54, 0.00, 0.72
HSL	212°, 100%, 14%
HSV	212°, 100%, 28%
XYZ	1.7136, 1.5556, 6.3408
YIQ	27.5790, -32.1870, 5.1330

Conversions

Conversions Part 2

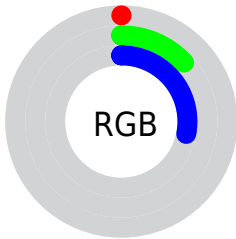
Format	Color
RYB	0, 23, 72
Decimal	8520
CIELab	12.96, 6.29, -27.60
CIElCh	13, 28.304, 282.842
Yxy	1.5556, 0.1783, 0.1619
Android (android.graphics.Color)	4278198600 (0xFF002148)
YUV	27.5790, 21.8996, -24.1868
Hunter-Lab	12.4723, 2.6972, -21.4119

Details

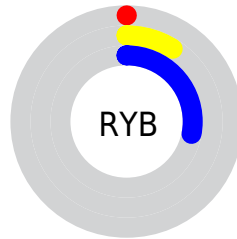
The Android color **4278198600** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282918656**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4282011001**, and **4278190364** is the 20% darker color. If you saturate the color by 10%, you get **4278198600**, and if you desaturate by 10%, it is **4278658376**.

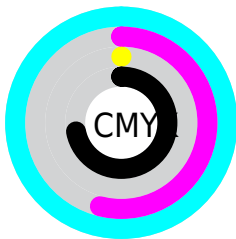
Distribution



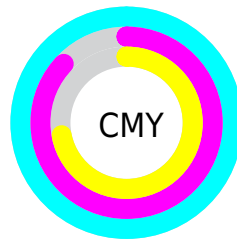
- Red (0%)
- Green (13%)
- Blue (28%)



- Red (0%)
- Yellow (9%)
- Blue (28%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278198600 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 4278198600 by changing the saturation by 10% instead.

 4278198600

 4278198600

 4294443007

 4278192433

 4282011001

 4278190364

 4283655315

 4278190080

 4285365678

 4287076297

 4288852709

 4290694655

 4292536831

 4278198600

■ 4278658376

■ 4279118152

■ 4279643464

■ 4280103240

■ 4280562760

■ 4281022536

■ 4281482312

■ 4282007624

■ 4282467400

Harmonies

Analogous

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



4278200135



4278198600



4281145406

Triad

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



4278198600



4282389249



4278200853

Complementary

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



4278198600



4282918656

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.



4279117568



4278198600



4281605120

Square

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



4278198600



4282649626



4280492800



4278200874

Rectangle

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



4278198600



4281995572



4280492800



4278200589

Sweetspot

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



4278198600



4282535774



4278208550



4280231728



4289769648



4281348144

Same Dimension

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



4278198600



4278201182



4278321224



4280295972



4278201955



4278216931

Inverse Universe

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



4282908705



4284350507



4282796032



4280557602



4284678190



4293066856

Previews

White Background



This preview shows how the Android color 4278198600 looks on a white background.

Color Contrast Check

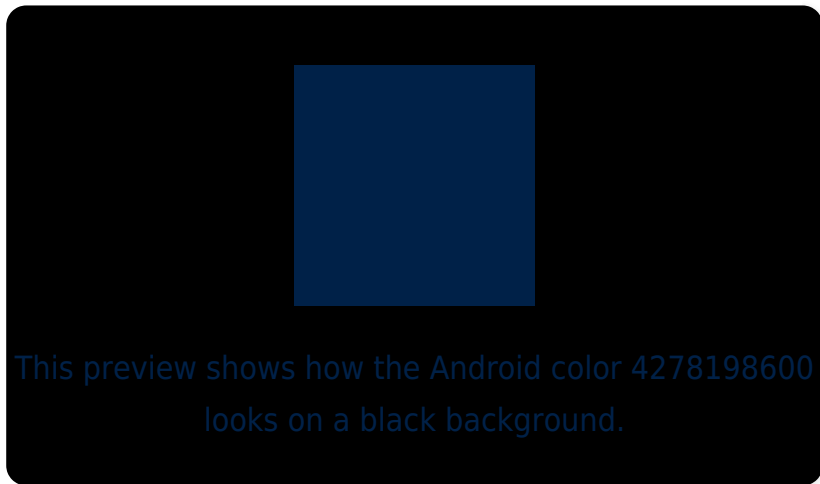
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278198600 Background



This preview shows how black text looks on a background with the Android color 4278198600.



This preview shows how white text looks on a background with the Android color 4278198600.

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
4278198600

Protanopia
4278198599

Deuteranopia
4278199101

Trichromacy



Original Color

4278198600

Protanomaly

4278198599

Deuteranomaly

4278198849

Tritanomaly

4278199348

Monochromacy



Original Color

4278198600

Achromatopsia

4280032284

Achromatomaly

4279377452

CSS Examples

Text

The CSS property to change the color of the text to Android 4278198600 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(0, 33, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 33, 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(0, 33, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 33, 72) }
```

Border

The CSS property to change the border of an element to Android 4278198600 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(0, 33, 72) }
```

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

```
.border{ border-color:rgb(0, 33, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 33, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 33, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 33, 72); box-shadow:4px  
4px 4px 4px rgb(0, 33, 72) }
```

Background

The CSS property to change the background color of an element to Android 4278198600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 33, 72) }
```

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

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