

Converting Colors

Android(4278200406)

Have a look what the booklet for
Android(4278200406) contains.

Android(4278200406)	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(4278200406)

Conversions

Conversions Part 1

Format	Color
Hex	002856
RGB	0, 40, 86
RGB Percent	0%, 16%, 34%
CMY	1.0000, 0.8431, 0.6627
CMYK	1.00, 0.53, 0.00, 0.66
HSL	212°, 100%, 17%
HSV	212°, 100%, 34%
XYZ	2.4385, 2.1895, 9.0982
YIQ	33.2840, -38.6060, 5.8260

Conversions

Conversions Part 2

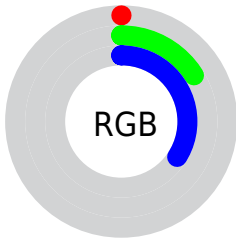
Format	Color
RYB	0, 27, 86
Decimal	10326
CIELab	16.45, 7.59, -31.49
CIELCh	16, 32.388, 283.554
Yxy	2.1895, 0.1777, 0.1595
Android (android.graphics.Color)	4278200406 (0xFF002856)
YUV	33.2840, 25.9890, -29.1901
Hunter-Lab	14.7969, 3.5221, -26.0980

Details

The Android color **4278200406** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283837952**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4282340488**, and **4278190888** is the 20% darker color. If you saturate the color by 10%, you get **4278200406**, and if you desaturate by 10%, it is **4278791510**.

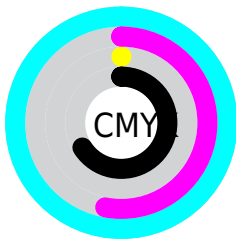
Distribution



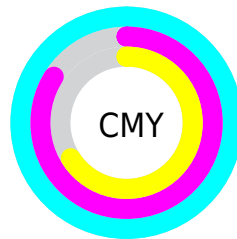
- Red (0%)
- Green (16%)
- Blue (34%)



- Red (0%)
- Yellow (11%)
- Blue (34%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278200406 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 4278200406 by changing the saturation by 10% instead.

■ 4278200406

■ 4278200406

4294967295

■ 4278195262

■ 4282340488

■ 4278190888

■ 4284050851

■ 4278190354

■ 4285761214

■ 4278190080

■ 4287537370

■ 4289379318

■ 4291221247

■ 4293063679

■ 4278200406

■ 4278791510

■ 4279316822

■ 4279907926

■ 4280433238

■ 4281024342

■ 4281615446

■ 4282140758

■ 4282731862

■ 4283257174

Harmonies

Analogous

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



4278202197



4278200406



4281736523

Triad

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



4278200406



4283176966



4278202907

Complementary

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



4278200406



4283837952

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.



4279185408



4278200406



4282262272

Square

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



4278200406



4283502367



4280953600



4278203187

Rectangle

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



4278200406



4282783038



4280953600



4278202899

Sweetspot

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



4278200406



4283391600



4278212142



4280560952



4290295992



4281874488

Same Dimension

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



4278200406



4278203504



4278386774



4280756523



4278202987



4278218219

Inverse Universe

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



4283826216



4285530164



4283651584



4281018153



4285202482



4293591149

Previews

White Background



This preview shows how the Android color 4278200406 looks on a white background.

Color Contrast Check

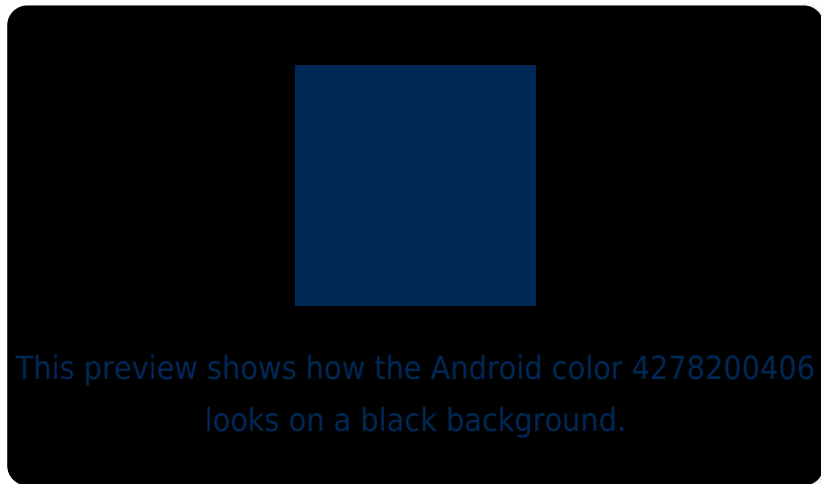
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278200406 Background



This preview shows how black text looks on a background with the Android color 4278200406.



This preview shows how white text looks on a background with the Android color 4278200406.

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
4278200406

Protanopia
4278200405

Deuteranopia
4278201162

Trichromacy



Original Color

4278200406

Protanomaly

4278200405

Deuteranomaly

4278200910

Tritanomaly

4278201406

Monochromacy



Original Color

4278200406

Achromatopsia

4280361249

Achromatomaly

4279575604

CSS Examples

Text

The CSS property to change the color of the text to Android 4278200406 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, 40, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 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(0, 40, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 86) }
```

Border

The CSS property to change the border of an element to Android 4278200406 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, 40, 86) }
```

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

```
.border{ border-color:rgb(0, 40, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 40, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 40, 86); box-shadow:4px  
4px 4px 4px rgb(0, 40, 86) }
```

Background

The CSS property to change the background color of an element to Android 4278200406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 86) }
```

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

```
.background{ background-color: rgb(0, 40,  
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](#).

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