

Converting Colors

Android(4278192500)

Have a look what the booklet for
Android(4278192500) contains.

Android(4278192500)	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(4278192500)

Conversions

Conversions Part 1

Format	Color
Hex	000974
RGB	0, 9, 116
RGB Percent	0%, 4%, 45%
CMY	1.0000, 0.9647, 0.5451
CMYK	1.00, 0.92, 0.00, 0.55
HSL	235°, 100%, 23%
HSV	235°, 100%, 45%
XYZ	3.2501, 1.4563, 16.6328
YIQ	18.5070, -39.7110, 31.3690

Conversions

Conversions Part 2

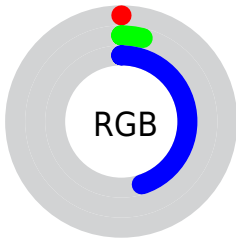
Format	Color
RYB	0, 8, 116
Decimal	2420
CIELab	12.33, 40.19, -58.07
CIELCh	12, 70.621, 304.684
Yxy	1.4563, 0.1523, 0.0682
Android (android.graphics.Color)	4278192500 (0xFF000974)
YUV	18.5070, 48.0640, -16.2306
Hunter-Lab	12.0678, 26.9543, -73.2704

Details

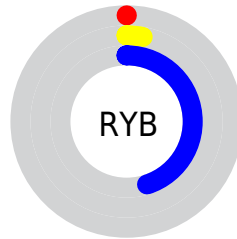
The Android color **4278192500** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285819648**, and the grayscale version is **4279374354**.

A 20% lighter version of the original color is **4283250601**, and **4278190658** is the 20% darker color. If you saturate the color by 10%, you get **4278192500**, and if you desaturate by 10%, it is **4278981748**.

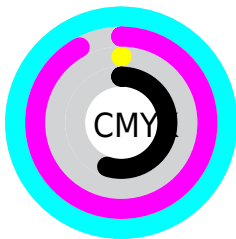
Distribution



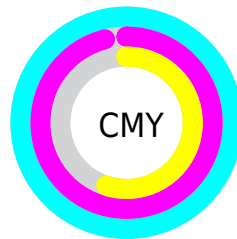
- Red (0%)
- Green (4%)
- Blue (45%)



- Red (0%)
- Yellow (3%)
- Blue (45%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278192500 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 4278192500 by changing the saturation by 10% instead.

 4278192500

 4278192500

 4294963199

 4278190171

 4283250601

 4278190658

 4285157317

 4278190891

 4287064290

 4278190357

 4288905727

 4278190080

 4290813183

 4292720639

 4294693887

 4278192500

■ 4278981748

■ 4279705204

■ 4280494452

■ 4281218164

■ 4282007156

■ 4282796404

■ 4283520116

■ 4284309364

■ 4285032820

Harmonies

Analogous

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



4278200455



4278192500



4284088395

Triad

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



4278192500



4282909696



4278202151

Complementary

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



4278192500



4285819648

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.



4278201856



4278192500



4280492544

Square

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



4278192500



4284612608



4278201088



4278202968

Rectangle

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



4278192500



4285071403



4278201088



4278201878

Sweetspot

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



4278192500



4285099414



4278219882



4281414477



4291611852



4283256141

Same Dimension

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



4278192500



4278193302



4281335924



4281677115



4278192506



4278195194

Inverse Universe

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



4285792265



4288020492



4282676224



4282070325



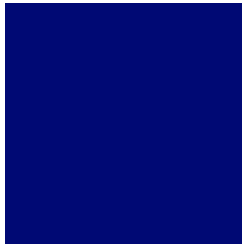
4286185481



4294574099

Previews

White Background



This preview shows how the Android color 4278192500 looks on a white background.

Color Contrast Check

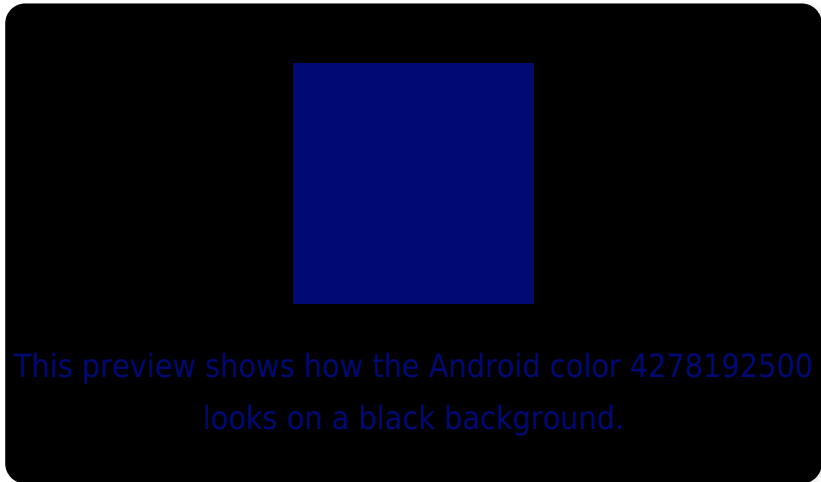
Large Text (above 18pt) WCAG AA ✓ Pass

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

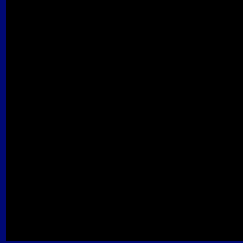
Any Text WCAG AA × Fail

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 4278192500 Background



This preview shows how black text looks on a background with the Android color 4278192500.



This preview shows how white text looks on a background with the Android color 4278192500.

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

4278192500

Protanopia

4278198856

Deuteranopia

4278199613

Trichromacy



Original Color
4278192500

Protanomaly
4278196568

Deuteranomaly
4278197073

Tritanomaly
4278197572

Monochromacy



Original Color
4278192500

Achromatopsia
4279440147

Achromatomaly
4278980406

CSS Examples

Text

The CSS property to change the color of the text to Android 4278192500 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, 9, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 9, 116)  
}
```

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, 9, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 9, 116) }
```

Border

The CSS property to change the border of an element to Android 4278192500 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, 9, 116) }
```

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

```
.border{ border-color:rgb(0, 9, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 9, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 9, 116); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 9, 116); box-shadow:4px  
4px 4px 4px rgb(0, 9, 116) }
```

Background

The CSS property to change the background color of an element to Android 4278192500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 9, 116) }
```

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

```
.background{ background-color: rgb(0, 9,  
116) }
```

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