

Converting Colors

Android(4278206999)

Have a look what the booklet for
Android(4278206999) contains.

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Color

Android(4278206999)

Conversions

Conversions Part 1

Format	Color
Hex	004217
RGB	0, 66, 23
RGB Percent	0%, 26%, 9%
CMY	1.0000, 0.7412, 0.9098
CMYK	1.00, 0.00, 0.65, 0.74
HSL	141°, 100%, 13%
HSV	141°, 100%, 26%
XYZ	2.1029, 3.9583, 1.4638
YIQ	41.3640, -25.5330, -27.3650

Conversions

Conversions Part 2

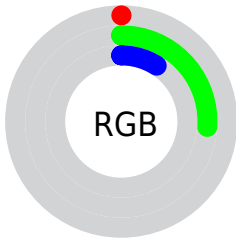
Format	Color
RYB	0, 49, 66
Decimal	16919
CIELab	23.53, -30.04, 20.60
CIELCh	24, 36.424, 145.549
Yxy	3.9583, 0.2795, 0.5260
Android (android.graphics.Color)	4278206999 (0xFF004217)
YUV	41.3640, -9.0535, -36.2762
Hunter-Lab	19.8955, -15.9503, 9.5646

Details

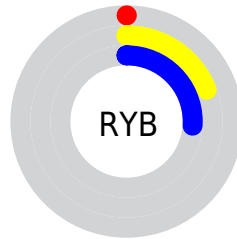
The Android color **4278206999** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282515499**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4281955139**, and **4278195456** is the 20% darker color. If you saturate the color by 10%, you get **4278206999**, and if you desaturate by 10%, it is **4278665755**.

Distribution



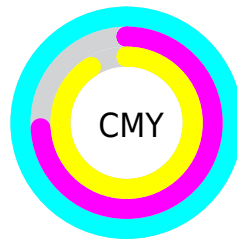
- Red (0%)
- Green (26%)
- Blue (9%)



- Red (0%)
- Yellow (19%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278206999 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 4278206999 by changing the saturation by 10% instead.

 4278206999

 4278206999

 4294443004

 4278201088

 4281955139

 4278195456

 4283665755

 4278190080

 4285310836

 4287087502

 4288864168

 4290641092

 4292542432

 4278206999

■ 4278665755

■ 4279058976

■ 4279517732

■ 4279910952

■ 4280369708

■ 4280828465

■ 4281221685

■ 4281680441

■ 4282073662

Harmonies

Analogous

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



4281220352



4278206999



4278207539

Triad

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



4278206999



4278205807



4284948002

Complementary

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



4278206999



4282515499

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.



4284881725



4278206999



4281283434

Square

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



4278206999



4278207077



4283770199



4284230153

Rectangle

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



4278206999



4278207814



4283770199



4285013035

Sweetspot

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



4278206999



4282210118



4281090560



4280036129



4289440683



4281019179

Same Dimension

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



4278206999



4278212382



4278207031



4280164639



4278214946



4278247502

Inverse Universe

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



4282515499



4283891768



4282515467



4280360480



4284547135



4292870290

Previews

White Background



This preview shows how the Android color 4278206999 looks on a white background.

Color Contrast Check

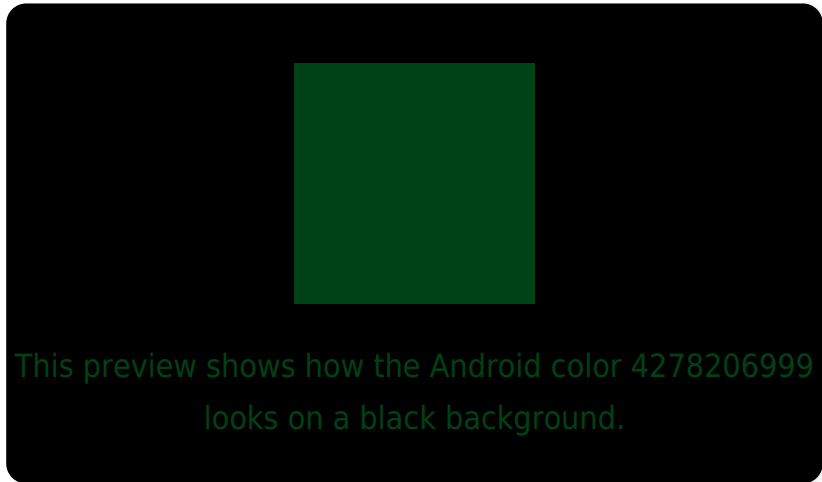
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278206999 Background



This preview shows how black text looks on a background with the Android color 4278206999.



This preview shows how white text looks on a background with the Android color 4278206999.

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
4278206999

Protanopia
4282333460

Deuteranopia
4282791451

Trichromacy



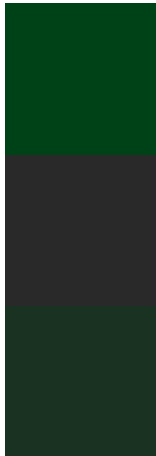
Original Color
4278206999

Protanomaly
4280826901

Deuteranomaly
4281154074

Tritanomaly
4279320371

Monochromacy



Original Color
4278206999

Achromatopsia
4280887593

Achromatomaly
4279906850

CSS Examples

Text

The CSS property to change the color of the text to Android 4278206999 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, 66, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 23)  
}
```

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, 66, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 23) }
```

Border

The CSS property to change the border of an element to Android 4278206999 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, 66, 23) }
```

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

```
.border{ border-color:rgb(0, 66, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 23); box-shadow:4px  
4px 4px 4px rgb(0, 66, 23) }
```

Background

The CSS property to change the background color of an element to Android 4278206999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 23) }
```

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

```
.background{ background-color: rgb(0, 66,  
23) }
```

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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