

Converting Colors

Android(4278201600)

Have a look what the booklet for
Android(4278201600) contains.

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Color

Android(4278201600)

Conversions

Conversions Part 1

Format	Color
Hex	002D00
RGB	0, 45, 0
RGB Percent	0%, 18%, 0%
CMY	1.0000, 0.8235, 1.0000
CMYK	1.00, 0.00, 1.00, 0.82
HSL	120°, 100%, 9%
HSV	120°, 100%, 18%
XYZ	0.9384, 1.8768, 0.3128
YIQ	26.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

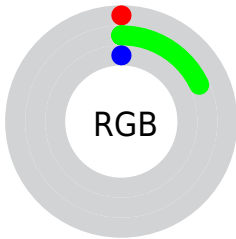
Format	Color
RYB	0, 45, 45
Decimal	11520
CIELab	14.83, -25.61, 21.09
CIELCh	15, 33.177, 140.530
Yxy	1.8768, 0.3000, 0.6000
Android (android.graphics.Color)	4278201600 (0xFF002D00)
YUV	26.4150, -13.0226, -23.1660
Hunter-Lab	13.6995, -11.7474, 8.2359

Details

The Android color **4278201600** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281139245**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4281359407**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278201600**, and if you desaturate by 10%, it is **4278463748**.

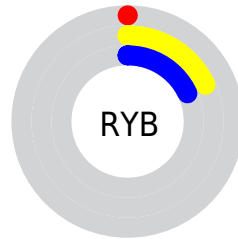
Distribution



Red (0%)

Green (18%)

Blue (0%)



Red (0%)

Yellow (18%)

Blue (18%)

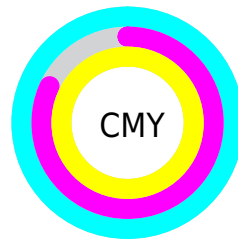


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201600 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 4278201600 by changing the saturation by 10% instead.

 4278201600

 4278201600

 4293459939

 4278196736

 4281359407

 4278190080


 4282938438

 4284583518

 4286294391

 4288005264

 4289781931

 4291624390

 4278201600

■ 4278463748

■ 4278791433

■ 4279119118

■ 4279381266

■ 4279708951

■ 4279971099

■ 4280298784

■ 4280560932

■ 4280888617

Harmonies

Analogous

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



4280363264



4278201600



4278202141

Triad

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



4278201600



4278200916



4283238935

Complementary

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



4278201600



4281139245

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.



4283042350



4278201600



4279181906

Square

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



4278201600



4278201929



4281931331



4282783488

Rectangle

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



4278201600



4278202157



4281931331



4283303966

Sweetspot

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



4278201600



4280892201



4281150720



4279508756



4288585374



4280229663

Same Dimension

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



4278201600



4278205184



4278201623



4279572245



4278212352



4278244864

Inverse Universe

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



4281139245



4282056763



4281139223



4279702807



4283891799



4292214998

Previews

White Background



This preview shows how the Android color 4278201600 looks on a white background.

Color Contrast Check

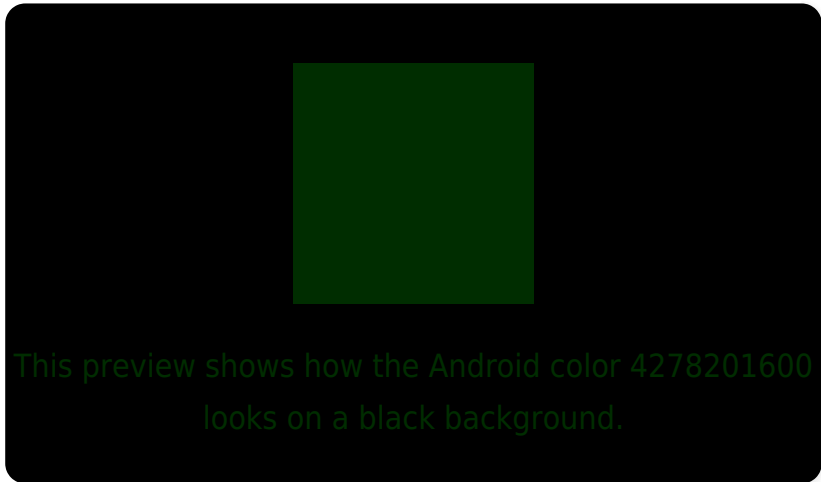
Large Text (above 18pt) WCAG AA ✓ Pass

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

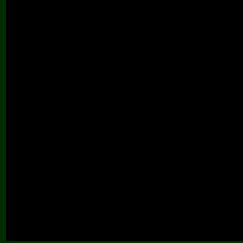
Any Text WCAG AA × Fail

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 4278201600 Background



This preview shows how black text looks on a background with the Android color 4278201600.



This preview shows how white text looks on a background with the Android color 4278201600.

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

[4278201600](#)

Protanopia

[4281018112](#)

Deuteranopia

[4281345034](#)

Trichromacy



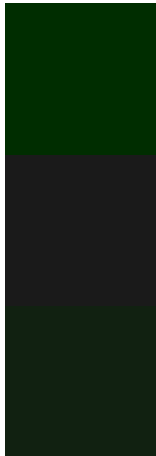
Original Color
4278201600

Protanomaly
4279970048

Deuteranomaly
4280231686

Tritanomaly
4278987549

Monochromacy



Original Color
4278201600

Achromatopsia
4279900698

Achromatomaly
4279312657

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201600 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, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 0)  
}
```

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, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 0) }
```

Border

The CSS property to change the border of an element to Android 4278201600 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, 45, 0) }
```

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

```
.border{ border-color:rgb(0, 45, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 45, 0); box-shadow:4px  
4px 4px 4px rgb(0, 45, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278201600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 0) }
```

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

```
.background{ background-color: rgb(0, 45,  
0) }
```

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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