

Converting Colors

Android(4278219776)

Have a look what the booklet for
Android(4278219776) contains.

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Color

Android(4278219776)

Conversions

Conversions Part 1

Format	Color
Hex	007400
RGB	0, 116, 0
RGB Percent	0%, 45%, 0%
CMY	1.0000, 0.5451, 1.0000
CMYK	1.00, 0.00, 1.00, 0.55
HSL	120°, 100%, 23%
HSV	120°, 100%, 45%
XYZ	6.2454, 12.4908, 2.0818
YIQ	68.0920, -31.9000, -60.6680

Conversions

Conversions Part 2

Format	Color
RYB	0, 116, 116
Decimal	29696
CIELab	41.99, -48.17, 46.50
CIELCh	42, 66.952, 136.016
Yxy	12.4908, 0.3000, 0.6000
Android (android.graphics.Color)	4278219776 (0xFF007400)
YUV	68.0920, -33.5694, -59.7167
Hunter-Lab	35.3423, -30.3060, 21.2472

Details

The Android color **4278219776** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4285792372**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4283279677**, and **4278206976** is the 20% darker color. If you saturate the color by 10%, you get **4278219776**, and if you desaturate by 10%, it is **4279006220**.

Distribution



Red (0%)

Green (45%)

Blue (0%)



Red (0%)

Yellow (45%)

Blue (45%)



Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278219776 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 4278219776 by changing the saturation by 10% instead.

 4278219776

 4278219776

4294967292

 4278213376

 4283279677

 4278206976

 4285187414

 4278201344

 4287029616

 4278193408

 4288937611

 4278190080

 4290838438

 4292739010

 4294705119

 4278219776

 4279006220

 4279727127

 4280513571

 4281234478

 4282020922

 4282807366

 4283528273

 4284314717

 4285035624

Harmonies

Analogous

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



4284377600



4278219776



4278221126

Triad

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



4278219776



4278219215



4290844488

Complementary

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



4278219776



4285792372

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.



4290190975



4278219776



4278214863

Square

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



4278219776



4278221234



4287120305



4289805073

Rectangle

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



4278219776



4278221421



4287120305



4290842715

Sweetspot

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



4278219776



4285109865



4285821952



4281421105



4291611852



4283256141

Same Dimension

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



4278219776



4278228480



4278219834



4281678645



4278221312



4278254080

Inverse Universe

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



4285792372



4288020630



4285792314



4282070331



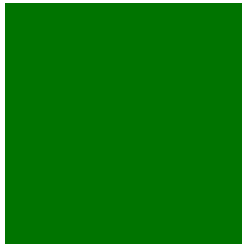
4286185594



4294574330

Previews

White Background



This preview shows how the Android color 4278219776 looks on a white background.

Color Contrast Check

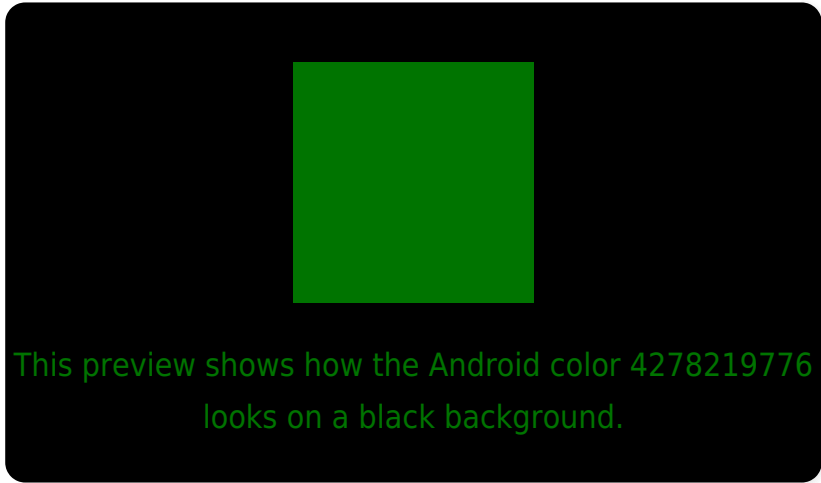
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

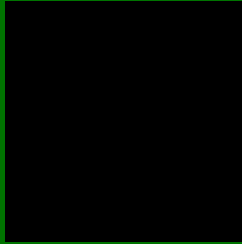
Any Text WCAG AA × Fail

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 4278219776 Background



This preview shows how black text looks on a background with the Android color 4278219776.



This preview shows how white text looks on a background with the Android color 4278219776.

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
4278219776

Protanopia
4285555456

Deuteranopia
4286406169

Trichromacy



Original Color

4278219776



Protanomaly

4282870016



Deuteranomaly

4283459088



Tritanomaly

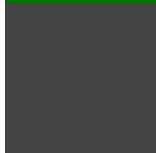
4280250186

Monochromacy



Original Color

4278219776



Achromatopsia

4282664004



Achromatomaly

4281029931

CSS Examples

Text

The CSS property to change the color of the text to Android 4278219776 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, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 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, 116, 0) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Android 4278219776 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, 116, 0) }
```

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

```
.border{ border-color:rgb(0, 116, 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, 116, 0)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Android 4278219776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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