

Converting Colors

Android(4278221906)

Have a look what the booklet for
Android(4278221906) contains.

Android(4278221906)	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(4278221906)

Conversions

Conversions Part 1

Format	Color
Hex	007C52
RGB	0, 124, 82
RGB Percent	0%, 49%, 32%
CMY	1.0000, 0.5137, 0.6784
CMYK	1.00, 0.00, 0.34, 0.51
HSL	160°, 100%, 24%
HSV	160°, 100%, 49%
XYZ	8.7306, 15.0245, 10.4225
YIQ	82.1360, -60.4220, -39.3500

Conversions

Conversions Part 2

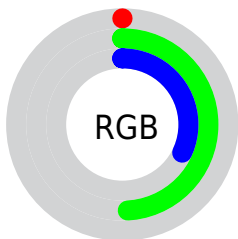
Format	Color
RYB	0, 75, 124
Decimal	31826
CIELab	45.67, -40.21, 14.83
CIELCh	46, 42.858, 159.749
Yxy	15.0245, 0.2554, 0.4396
Android (android.graphics.Color)	4278221906 (0xFF007C52)
YUV	82.1360, -0.0670, -72.0333
Hunter-Lab	38.7614, -27.6271, 11.1906

Details

The Android color `4278221906` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286316586`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4283282052`, and `4278209061` is the 20% darker color. If you saturate the color by 10%, you get `4278221906`, and if you desaturate by 10%, it is `4279008342`.

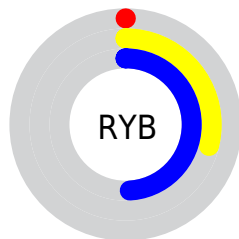
Distribution



Red (0%)

Green (49%)

Blue (32%)



Red (0%)

Yellow (29%)

Blue (49%)

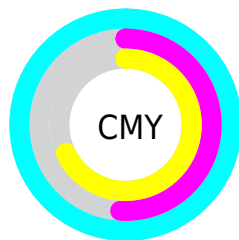


Cyan (100%)

Magenta (0%)

Yellow (34%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221906 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 4278221906 by changing the saturation by 10% instead.

 4278221906

 4278221906

4294967295

 4278215227

 4283282052

 4278209061

 4285189534

 4278202896

 4287031993

 4278197248

 4288872404

 4278190080

 4290772977

 4292673535

 4294639615

 4278221906

 4279008342

 4279860314

 4280646751

 4281498723

 4282285159

 4283071595

 4283923567

 4284710004

 4285561976

Harmonies

Analogous

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



4283332402



4278221906



4278222455

Triad

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



4278221906



4282281139



4289221696

Complementary

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



4278221906



4286316586

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.



4289612898



4278221906



4286471843

Square

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



4278221906



4278220719



4288761990



4287914279

Rectangle

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



4278221906



4278222223



4288761990



4289482827

Sweetspot

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



4278221906



4285571472



4281039872



4281619016



4291940817



4283585106

Same Dimension

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



4278221906



4278231402



4278217084



4281810235



4278222163



4278254759

Inverse Universe

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



4286316586



4288741430



4286321408



4282201913



4286382122



4294705238

Previews

White Background



This preview shows how the Android color 4278221906 looks on a white background.

Color Contrast Check

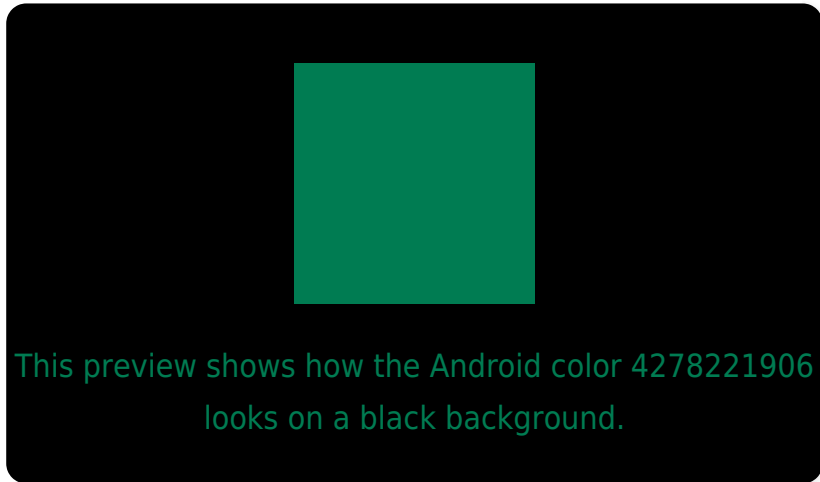
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278221906 Background



This preview shows how black text looks on a background with the Android color 4278221906.

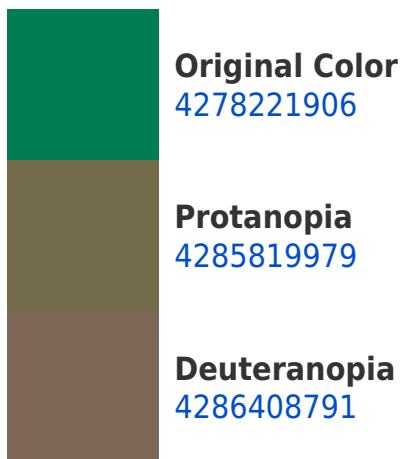


This preview shows how white text looks on a background with the Android color 4278221906.

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



Trichromacy



Original Color

4278221906



Protanomaly

4283069006



Deuteranomaly

4283461461



Tritanomaly

4279990383

Monochromacy



Original Color

4278221906



Achromatopsia

4283585106



Achromatomaly

4281622866

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221906 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, 124, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 82)  
}
```

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, 124, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 82) }
```

Border

The CSS property to change the border of an element to Android 4278221906 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, 124, 82) }
```

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

```
.border{ border-color:rgb(0, 124, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 82);  
box-shadow:4px 4px 4px 4px rgb(0, 124, 82)  
}
```

Background

The CSS property to change the background color of an element to Android 4278221906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 82) }
```

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

```
.background{ background-color: rgb(0, 124,  
82) }
```

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