

Converting Colors

Android(4278228998)

Have a look what the booklet for
Android(4278228998) contains.

Android(4278228998)	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(4278228998)

Conversions

Conversions Part 1

Format	Color
Hex	009806
RGB	0, 152, 6
RGB Percent	0%, 60%, 2%
CMY	1.0000, 0.4039, 0.9765
CMYK	1.00, 0.00, 0.96, 0.40
HSL	122°, 100%, 30%
HSV	122°, 100%, 60%
XYZ	11.2611, 22.4696, 3.9158
YIQ	89.9080, -43.7260, -77.6300

Conversions

Conversions Part 2

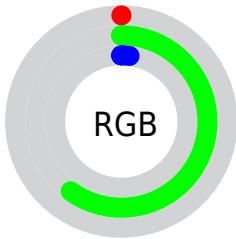
Format	Color
RYB	0, 146, 152
Decimal	38918
CIELab	54.52, -58.40, 55.57
CIELCh	55, 80.614, 136.420
Yxy	22.4696, 0.2991, 0.5969
Android (android.graphics.Color)	4278228998 (0xFF009806)
YUV	89.9080, -41.3666, -78.8493
Hunter-Lab	47.4021, -40.5483, 28.2836

Details

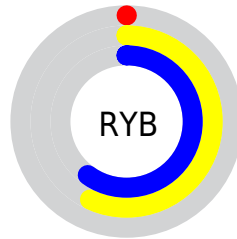
The Android color `4278228998` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288151698`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284076104`, and `4278215424` is the 20% darker color. If you saturate the color by 10%, you get `4278228998`, and if you desaturate by 10%, it is `4279212053`.

Distribution



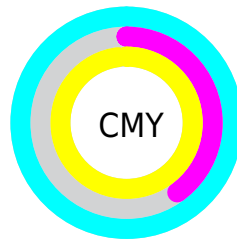
- Red (0%)
- Green (60%)
- Blue (2%)



- Red (0%)
- Yellow (57%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228998 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 4278228998 by changing the saturation by 10% instead.

 4278228998

 4278228998

4294967295

 4278222080

 4284076104

 4278215424

 4286114915


 4278209024

 4288085886

 4278203136

 4289986457

 4278196224

 4291952565

 4278190080

 4293918674

 4294967279

 4278228998

 4279212053

 4280195107

 4281243698

 4282226752

 4283209807

 4284192862

 4285175916

 4286224507

 4287207561

Harmonies

Analogous

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



4286286592



4278228998



4278230623

Triad

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



4278228998



4278228223



4294583648

Complementary

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



4278228998



4288151698

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.



4293733541



4278228998



4278222591

Square

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



4278228998



4278230759



4289944292



4293218330

Rectangle

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



4278228998



4278231184



4289944292



4294581623

Sweetspot

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



4278228998



4287218828



4287862784



4282409793



4293125091



4284703587

Same Dimension

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



4278228998



4278240264



4278229073



4282731845



4278225926



4278193409

Inverse Universe

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



4288151698



4291035325



4288151623



4283254092



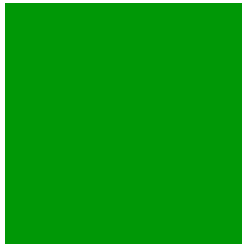
4287365255



4279042060

Previews

White Background



This preview shows how the Android color 4278228998 looks on a white background.

Color Contrast Check

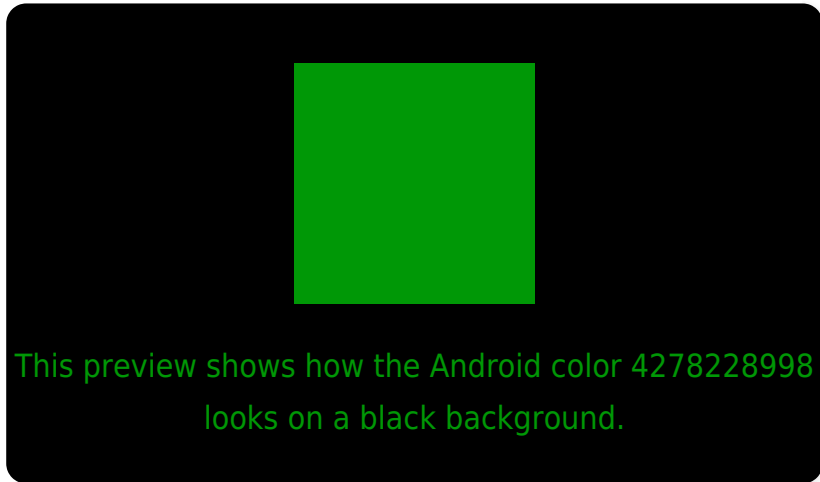
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278228998 Background



This preview shows how black text looks on a background with the Android color 4278228998.



This preview shows how white text looks on a background with the Android color 4278228998.

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
4278228998

Protanopia
4287791616

Deuteranopia
4288903969

Trichromacy



Original Color

4278228998



Protanomaly

4284320258



Deuteranomaly

4285040151



Tritanomaly

4280914276

Monochromacy



Original Color

4278228998



Achromatopsia

4284111450



Achromatomaly

4281954619

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228998 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, 152, 6)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 6)  
}
```

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, 152, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 6) }
```

Border

The CSS property to change the border of an element to Android 4278228998 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, 152, 6) }
```

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

```
.border{ border-color:rgb(0, 152, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 152, 6); box-shadow:4px  
4px 4px 4px rgb(0, 152, 6) }
```

Background

The CSS property to change the background color of an element to Android 4278228998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 6) }
```

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

```
.background{ background-color: rgb(0, 152,  
6) }
```

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