

Converting Colors

Android(4278228757)

Have a look what the booklet for
Android(4278228757) contains.

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Color

Android(4278228757)

Conversions

Conversions Part 1

Format	Color
Hex	009715
RGB	0, 151, 21
RGB Percent	0%, 59%, 8%
CMY	1.0000, 0.4078, 0.9176
CMYK	1.00, 0.00, 0.86, 0.41
HSL	128°, 100%, 30%
HSV	128°, 100%, 59%
XYZ	11.2020, 22.1874, 4.4017
YIQ	91.0310, -48.2660, -72.4420

Conversions

Conversions Part 2

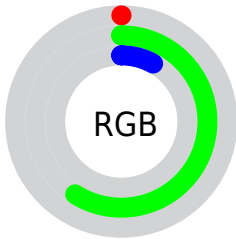
Format	Color
RYB	0, 133, 151
Decimal	38677
CIELab	54.23, -57.55, 52.44
CIELCh	54, 77.857, 137.662
Yxy	22.1874, 0.2964, 0.5871
Android (android.graphics.Color)	4278228757 (0xFF009715)
YUV	91.0310, -34.5253, -79.8342
Hunter-Lab	47.1035, -39.9809, 27.4320

Details

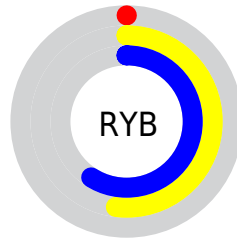
The Android color `4278228757` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288086146`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4284010318`, and `4278215168` is the 20% darker color. If you saturate the color by 10%, you get `4278228757`, and if you desaturate by 10%, it is `4279211810`.

Distribution



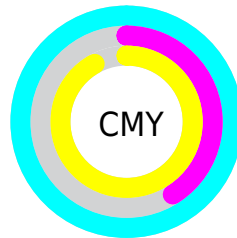
- Red (0%)
- Green (59%)
- Blue (8%)



- Red (0%)
- Yellow (52%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228757 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 4278228757 by changing the saturation by 10% instead.

 4278228757

 4278228757

4294967295

 4278221824

 4284010318

 4278215168

 4286049129

 4278208768

 4287954820

 4278202880

 4289920927

 4278195968

 4291887035

 4278190080


 4293853144

 4294967285

 4278228757

 4279211810

 4280194863

 4281177916

 4282160969

 4283209558

 4284192611

 4285175664

 4286158717

 4287141770

Harmonies

Analogous

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



4286089984



4278228757



4278230371

Triad

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



4278228757



4278227711



4294258269

Complementary

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



4278228757



4288086146

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.



4293538208



4278228757



4279860479

Square

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



4278228757



4278230245



4290009821



4292891674

Rectangle

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



4278228757



4278230930



4290009821



4294322036

Sweetspot

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



4278228757



4287218834



4286813952



4282409797



4293125091



4284703587

Same Dimension

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



4278228757



4278240283



4278228832



4282731846



4278225940



4278193410

Inverse Universe

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



4288086146



4291035305



4288086071



4283254091



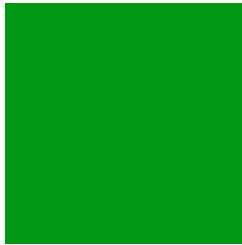
4287365241



4279042059

Previews

White Background



This preview shows how the Android color 4278228757 looks on a white background.

Color Contrast Check

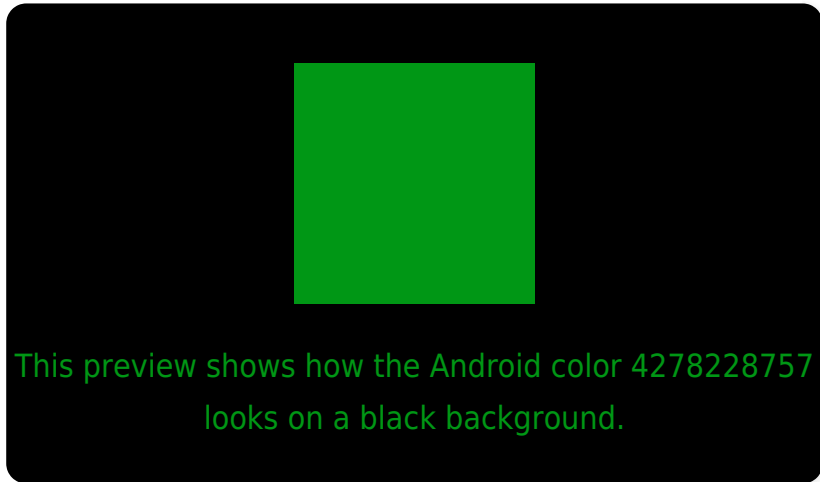
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228757 Background



This preview shows how black text looks on a background with the Android color 4278228757.



This preview shows how white text looks on a background with the Android color 4278228757.

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

4278228757



Protanomaly

4284254481



Deuteranomaly

4284974368



Tritanomaly

4280848488

Monochromacy



Original Color

4278228757



Achromatopsia

4284177243



Achromatomaly

4282020162

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228757 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, 151, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 21)  
}
```

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, 151, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 21) }
```

Border

The CSS property to change the border of an element to Android 4278228757 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, 151, 21) }
```

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

```
.border{ border-color:rgb(0, 151, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 151, 21)  
}
```

Background

The CSS property to change the background color of an element to Android 4278228757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 21) }
```

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

```
.background{ background-color: rgb(0, 151,  
21) }
```

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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