

Converting Colors

Android(4278230307)

Have a look what the booklet for
Android(4278230307) contains.

Android(4278230307)	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(4278230307)

Conversions

Conversions Part 1

Format	Color
Hex	009D23
RGB	0, 157, 35
RGB Percent	0%, 62%, 14%
CMY	1.0000, 0.3843, 0.8627
CMYK	1.00, 0.00, 0.78, 0.38
HSL	133°, 100%, 31%
HSV	133°, 100%, 62%
XYZ	12.3603, 24.2353, 5.6165
YIQ	96.1490, -54.4100, -71.2260

Conversions

Conversions Part 2

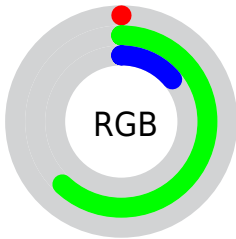
Format	Color
RYB	0, 128, 157
Decimal	40227
CIELab	56.32, -58.42, 50.24
CIELCh	56, 77.052, 139.301
Yxy	24.2353, 0.2928, 0.5741
Android (android.graphics.Color)	4278230307 (0xFF009D23)
YUV	96.1490, -30.1465, -84.3227
Hunter-Lab	49.2294, -41.3342, 27.6962

Details

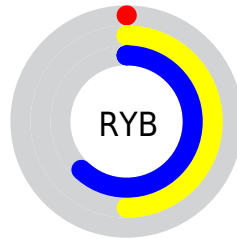
The Android color `4278230307` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288479354`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4284142937`, and `4278216704` is the 20% darker color. If you saturate the color by 10%, you get `4278230307`, and if you desaturate by 10%, it is `4279278895`.

Distribution



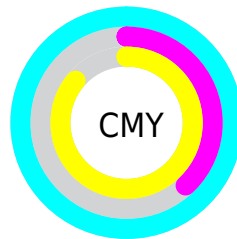
- Red (0%)
- Green (62%)
- Blue (14%)



- Red (0%)
- Yellow (50%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230307 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 4278230307 by changing the saturation by 10% instead.

 4278230307

 4278230307

4294967295

 4278223360

 4284142937

 4278216704

 4286116467

 4278210048

 4288085902

 4278204160

 4290052010

 4278197760

 4292018118


 4278190080

 4293984227

 4278230307

 4279278895

 4280261947

 4281310536

 4282359124

 4283407712

 4284390764

 4285439352

 4286487941

 4287470993

Harmonies

Analogous

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



4286222592



4278230307



4278231916

Triad

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



4278230307



4278228735



4294654303

Complementary

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



4278230307



4288479354

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.



4293999010



4278230307



4282351871

Square

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



4278230307



4278231532



4290666208



4293155869

Rectangle

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



4278230307



4278232219



4290666208



4294652789

Sweetspot

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



4278230307



4287614108



4286291200



4282476105



4293322470



4284900966

Same Dimension

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



4278230307



4278242349



4278230385



4282863433



4278226720



4278193923

Inverse Universe

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



4288479354



4291559583



4288479276



4283385677



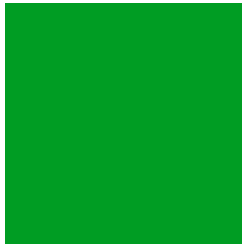
4287561839



4279173132

Previews

White Background



This preview shows how the Android color 4278230307 looks on a white background.

Color Contrast Check

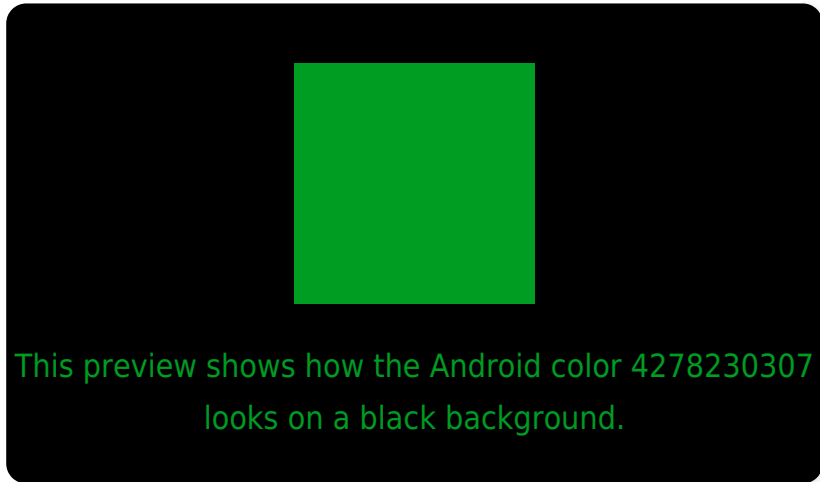
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230307 Background



This preview shows how black text looks on a background with the Android color 4278230307.



This preview shows how white text looks on a background with the Android color 4278230307.

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
4278230307

Protanopia
4288120605

Deuteranopia
4289232944

Trichromacy



Original Color

4278230307



Protanomaly

4284518175



Deuteranomaly

4285238059



Tritanomaly

4280915569

Monochromacy



Original Color

4278230307



Achromatopsia

4284506208



Achromatomaly

4282218058

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230307 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, 157, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 35)  
}
```

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, 157, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 35) }
```

Border

The CSS property to change the border of an element to Android 4278230307 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, 157, 35) }
```

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

```
.border{ border-color:rgb(0, 157, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 157, 35)  
}
```

Background

The CSS property to change the background color of an element to Android 4278230307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 35) }
```

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

```
.background{ background-color: rgb(0, 157,  
35) }
```

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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