

Converting Colors

Android(4278224948)

Have a look what the booklet for
Android(4278224948) contains.

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Color

Android(4278224948)

Conversions

Conversions Part 1

Format	Color
Hex	008834
RGB	0, 136, 52
RGB Percent	0%, 53%, 20%
CMY	1.0000, 0.4667, 0.7961
CMYK	1.00, 0.00, 0.62, 0.47
HSL	143°, 100%, 27%
HSV	143°, 100%, 53%
XYZ	9.4240, 17.8563, 6.1987
YIQ	85.7600, -54.0920, -54.9560

Conversions

Conversions Part 2

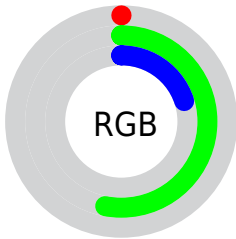
Format	Color
RYB	0, 98, 136
Decimal	34868
CIELab	49.32, -50.14, 35.68
CIELCh	49, 61.539, 144.559
Yxy	17.8563, 0.2815, 0.5334
Android (android.graphics.Color)	4278224948 (0xFF008834)
YUV	85.7600, -16.6437, -75.2115
Hunter-Lab	42.2567, -34.1405, 20.8823

Details

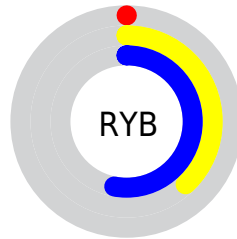
The Android color **4278224948** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4287103060**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4283613029**, and **4278211584** is the 20% darker color. If you saturate the color by 10%, you get **4278224948**, and if you desaturate by 10%, it is **4279142460**.

Distribution



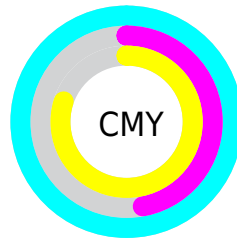
- Red (0%)
- Green (53%)
- Blue (20%)



- Red (0%)
- Yellow (38%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224948 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 4278224948 by changing the saturation by 10% instead.

 4278224948

 4278224948

4294967295

 4278218268

 4283613029

 4278211584

 4285520767

 4278205440

 4287428762

 4278199808

 4289331125

 4278190080

 4291231697


 4293132269

 4278224948

 4279142460

 4279994437

 4280911949

 4281763926

 4282681438

 4283598950

 4284450927

 4285368439

 4286220416

Harmonies

Analogous

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



4284776192



4278224948



4278226026

Triad

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



4278224948



4278222558



4291838797

Complementary

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



4278224948



4287103060

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.



4291575425



4278224948



4284443861

Square

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



4278224948



4278225354



4289352371



4290468381

Rectangle

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



4278224948



4278226318



4289352371



4291968606

Sweetspot

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



4278224948



4286296207



4283860992



4281948485



4292467161



4284045657

Same Dimension

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



4278224948



4278235203



4278225014



4282271041



4278224179



4278191362

Inverse Universe

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



4287103060



4289724525



4287102994



4282728002



4286906450



4278517763

Previews

White Background



This preview shows how the Android color 4278224948 looks on a white background.

Color Contrast Check

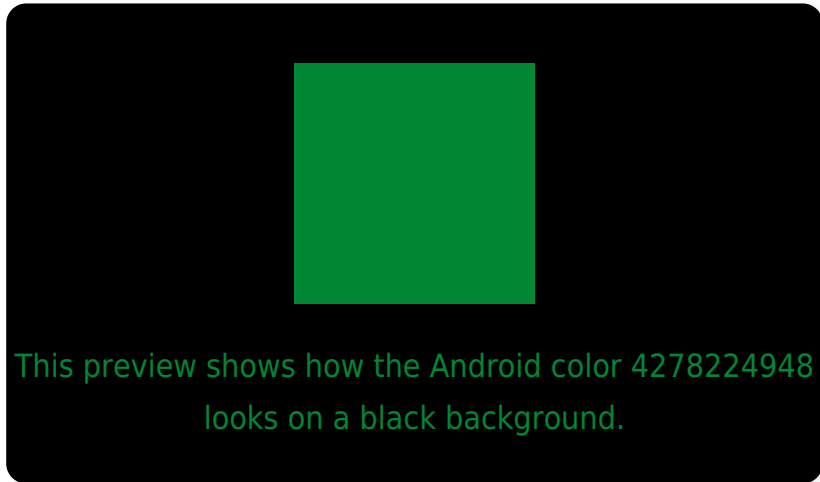
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4278224948 Background



This preview shows how black text looks on a background with the Android color 4278224948.



This preview shows how white text looks on a background with the Android color 4278224948.

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
4278224948

Protanopia
4286739758

Deuteranopia
4287655739

Trichromacy



Original Color

4278224948



Protanomaly

4283661360



Deuteranomaly

4284250168



Tritanomaly

4280451691

Monochromacy



Original Color

4278224948



Achromatopsia

4283848278



Achromatomaly

4281821258

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224948 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, 136, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 52)  
}
```

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, 136, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 52) }
```

Border

The CSS property to change the border of an element to Android 4278224948 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, 136, 52) }
```

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

```
.border{ border-color:rgb(0, 136, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 136, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 52);  
box-shadow:4px 4px 4px 4px rgb(0, 136, 52)  
}
```

Background

The CSS property to change the background color of an element to Android 4278224948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 52) }
```

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

```
.background{ background-color: rgb(0, 136,  
52) }
```

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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