

Converting Colors

Android(4278229093)

Have a look what the booklet for
Android(4278229093) contains.

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Color

Android(4278229093)

Conversions

Conversions Part 1

Format	Color
Hex	009865
RGB	0, 152, 101
RGB Percent	0%, 60%, 40%
CMY	1.0000, 0.4039, 0.6039
CMYK	1.00, 0.00, 0.34, 0.40
HSL	160°, 100%, 30%
HSV	160°, 100%, 60%
XYZ	13.5772, 23.3961, 16.1122
YIQ	100.7380, -74.2210, -48.0850

Conversions

Conversions Part 2

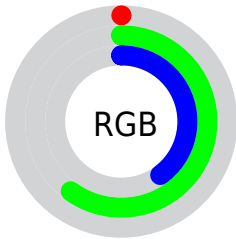
Format	Color
RYB	0, 91, 152
Decimal	39013
CIELab	55.48, -46.72, 17.45
CIELCh	55, 49.875, 159.518
Yxy	23.3961, 0.2558, 0.4407
Android (android.graphics.Color)	4278229093 (0xFF009865)
YUV	100.7380, 0.1292, -88.3472
Hunter-Lab	48.3695, -34.5420, 14.1087

Details

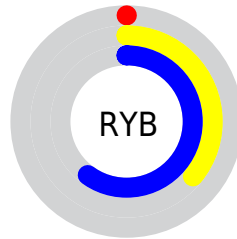
The Android color `4278229093` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288151603`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4283879320`, and `4278215734` is the 20% darker color. If you saturate the color by 10%, you get `4278229093`, and if you desaturate by 10%, it is `4279212138`.

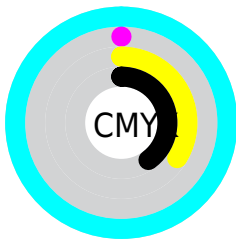
Distribution



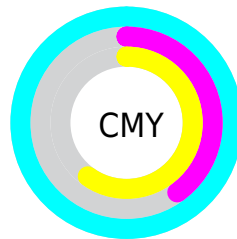
- Red (0%)
- Green (60%)
- Blue (40%)



- Red (0%)
- Yellow (36%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278229093 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 4278229093 by changing the saturation by 10% instead.

 4278229093

 4278229093

4294967295

 4278222157

 4283879320

 4278215734

 4285852851


 4278209312

 4287758287

 4278203146

 4289724395

 4278197248

 4291624959


 4278190080

 4293591039

 4278229093

 4279212138

 4280195183

 4281243764

 4282226809

 4283209855

 4284192900

 4285175945

 4286224526

 4287207571

Harmonies

Analogous

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



4284584510



4278229093



4278229650

Triad

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



4278229093



4283205082



4291716944

Complementary

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



4278229093



4288151603

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.



4292107897



4278229093



4288246984

Square

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



4278229093



4278227670



4291060644



4290082866

Rectangle

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



4278229093



4278229422



4291060644



4291978077

Sweetspot

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



4278229093



4287218865



4281702400



4282409815



4293125091



4284703587

Same Dimension

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



4278229093



4278240386



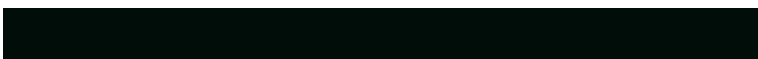
4278223256



4282731850



4278226013



4278193416

Inverse Universe

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



4288151603



4291035202



4288157440



4283254087



4287365167



4279042052

Previews

White Background



This preview shows how the Android color 4278229093 looks on a white background.

Color Contrast Check

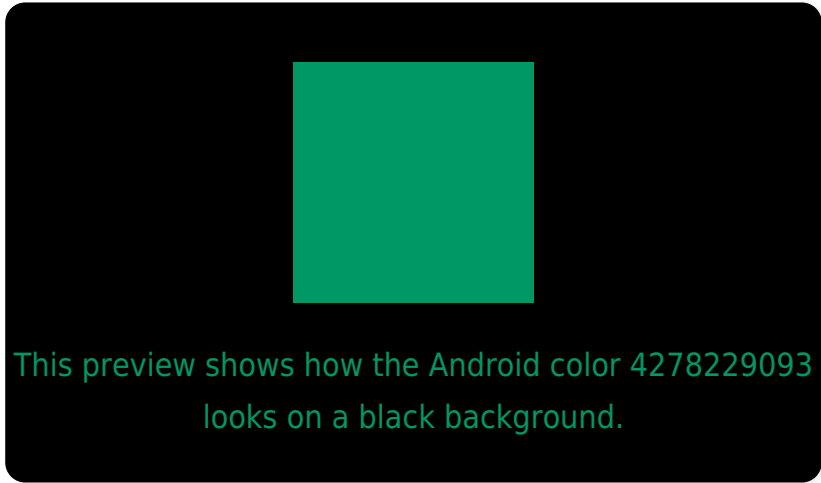
Large Text (above 18pt) WCAG AA ✓ Pass

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

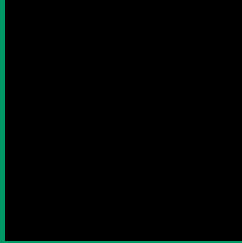
Any Text WCAG AA ✓ Pass

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 4278229093 Background



This preview shows how black text looks on a background with the Android color 4278229093.



This preview shows how white text looks on a background with the Android color 4278229093.

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

4278229093



Protanomaly

4284189535



Deuteranomaly

4284647529



Tritanomaly

4280456329

Monochromacy



Original Color

4278229093



Achromatopsia

4284835173



Achromatomaly

4282415205

CSS Examples

Text

The CSS property to change the color of the text to Android 4278229093 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 101) }
```

Border

The CSS property to change the border of an element to Android 4278229093 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, 101) }
```

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

```
.border{ border-color:rgb(0, 152, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
101) }
```

Background

The CSS property to change the background color of an element to Android 4278229093 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, 101) }
```

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

```
.background{ background-color: rgb(0, 152,  
101) }
```

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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