

Converting Colors

Android(4278228052)

Have a look what the booklet for
Android(4278228052) contains.

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Color

Android(4278228052)

Conversions

Conversions Part 1

Format	Color
Hex	009454
RGB	0, 148, 84
RGB Percent	0%, 58%, 33%
CMY	1.0000, 0.4196, 0.6706
CMYK	1.00, 0.00, 0.43, 0.42
HSL	154°, 100%, 29%
HSV	154°, 100%, 58%
XYZ	12.1901, 21.8199, 11.9567
YIQ	96.4520, -67.6640, -51.2800

Conversions

Conversions Part 2

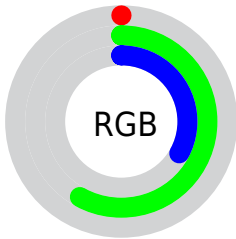
Format	Color
RYB	0, 94, 148
Decimal	37972
CIELab	53.84, -48.86, 24.63
CIELCh	54, 54.721, 153.248
Yxy	21.8199, 0.2652, 0.4747
Android (android.graphics.Color)	4278228052 (0xFF009454)
YUV	96.4520, -6.1388, -84.5884
Hunter-Lab	46.7118, -35.1634, 17.5220

Details

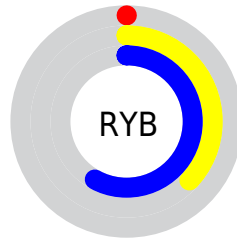
The Android color `4278228052` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287889472`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4283812742`, and `4278214693` is the 20% darker color. If you saturate the color by 10%, you get `4278228052`, and if you desaturate by 10%, it is `4279211098`.

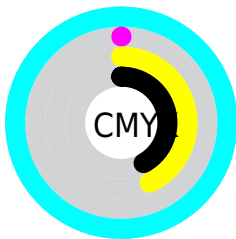
Distribution



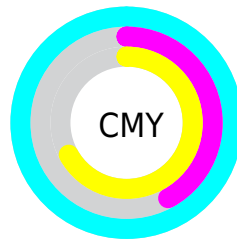
- Red (0%)
- Green (58%)
- Blue (33%)



- Red (0%)
- Yellow (37%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228052 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 4278228052 by changing the saturation by 10% instead.

 4278228052

 4278228052

4294967295

 4278221116

 4283812742

 4278214693

 4285786273

 4278208271

 4287692732

 4278202368

 4289593304

 4278195712

 4291493876


 4278190080

 4293459967

 4278228052

 4279211098

 4280194145

 4281111655

 4282094702

 4283077748

 4284060794

 4285043841

 4285961351

 4286944398

Harmonies

Analogous

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



4284779819



4278228052



4278228869

Triad

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



4278228052



4278224095



4291976272

Complementary

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



4278228052



4287889472

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.



4292170621



4278228052



4287132368

Square

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



4278228052



4278227413



4290666156



4290407978

Rectangle

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



4278228052



4278228901



4290666156



4292171614

Sweetspot

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



4278228052



4287020966



4282422272



4282278226



4292927712



4284572001

Same Dimension

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



4278228052



4278239085



4278225556



4282600007



4278225486



4278192646

Inverse Universe

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



4287889472



4290707539



4287891968



4283056966



4287234108



4278845444

Previews

White Background



This preview shows how the Android color 4278228052 looks on a white background.

Color Contrast Check

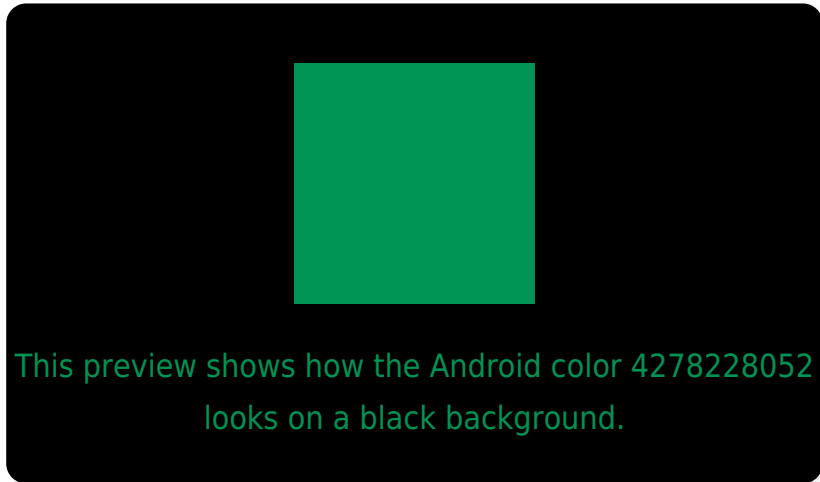
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228052 Background



This preview shows how black text looks on a background with the Android color 4278228052.



This preview shows how white text looks on a background with the Android color 4278228052.

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

4278228052



Protanomaly

4284057423



Deuteranomaly

4284580952



Tritanomaly

4280520575

Monochromacy



Original Color

4278228052



Achromatopsia

4284506208



Achromatomaly

4282217308

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228052 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, 148, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 84)  
}
```

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, 148, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 84) }
```

Border

The CSS property to change the border of an element to Android 4278228052 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, 148, 84) }
```

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

```
.border{ border-color:rgb(0, 148, 84) }
```

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

Here you see how a box with a 4 pixel rgb(0, 148, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 84);  
box-shadow:4px 4px 4px 4px rgb(0, 148, 84)  
}
```

Background

The CSS property to change the background color of an element to Android 4278228052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 84) }
```

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

```
.background{ background-color: rgb(0, 148,  
84) }
```

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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