

Converting Colors

Android(4278227286)

Have a look what the booklet for
Android(4278227286) contains.

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Color

Android(4278227286)

Conversions

Conversions Part 1

Format	Color
Hex	009156
RGB	0, 145, 86
RGB Percent	0%, 57%, 34%
CMY	1.0000, 0.4314, 0.6627
CMYK	1.00, 0.00, 0.41, 0.43
HSL	156°, 100%, 28%
HSV	156°, 100%, 57%
XYZ	11.8051, 20.9227, 12.2204
YIQ	94.9190, -67.4810, -49.0890

Conversions

Conversions Part 2

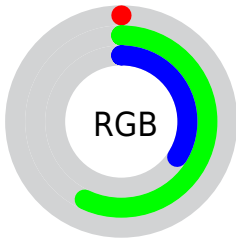
Format	Color
RYB	0, 91, 145
Decimal	37206
CIELab	52.86, -47.36, 22.26
CIELCh	53, 52.333, 154.828
Yxy	20.9227, 0.2626, 0.4655
Android (android.graphics.Color)	4278227286 (0xFF009156)
YUV	94.9190, -4.3971, -83.2440
Hunter-Lab	45.7413, -33.9793, 16.1788

Details

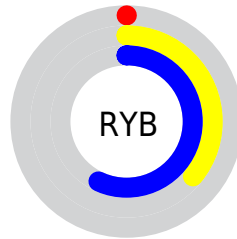
The Android color `4278227286` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287692859`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4283746440`, and `4278213928` is the 20% darker color. If you saturate the color by 10%, you get `4278227286`, and if you desaturate by 10%, it is `4279144796`.

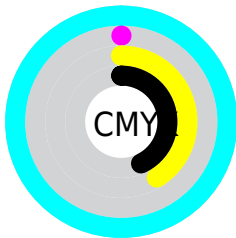
Distribution



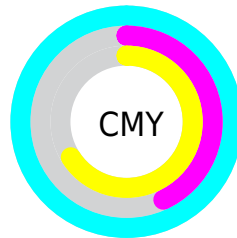
- Red (0%)
- Green (57%)
- Blue (34%)



- Red (0%)
- Yellow (36%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278227286 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 4278227286 by changing the saturation by 10% instead.

 4278227286

 4278227286

4294967295

 4278220606

 4283746440

 4278213928

 4285654179

 4278207506

 4287561662

 4278201856

 4289462234

 4278194688

 4291428342


 4278190080

 4293328895

 4278227286

 4279144796

 4280127842

 4281110888

 4282028398

 4283011443

 4283928953

 4284911999

 4285829509

 4286812555

Harmonies

Analogous

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



4284516911



4278227286



4278228100

Triad

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



4278227286



4280189400



4291517517

Complementary

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



4278227286



4287692859

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.



4291777657



4278227286



4287197128

Square

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



4278227286



4278226383



4290403493



4290014762

Rectangle

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



4278227286



4278228131



4290403493



4291778651

Sweetspot

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



4278227286



4286889382



4282159360



4282146385



4292796126



4284374622

Same Dimension

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



4278227286



4278238576



4278224273



4282402628



4278224720



4278192133

Inverse Universe

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



4287692859



4290576461



4287695872



4282859587



4287037495



4278714371

Previews

White Background



This preview shows how the Android color 4278227286 looks on a white background.

Color Contrast Check

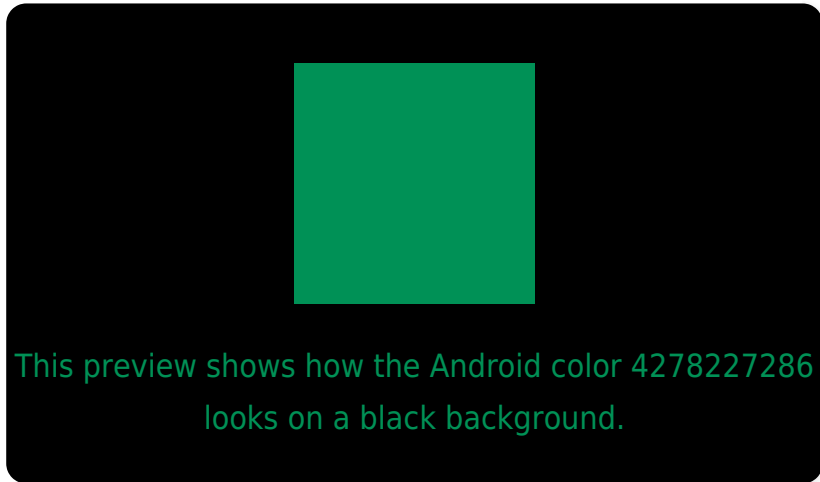
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278227286 Background



This preview shows how black text looks on a background with the Android color 4278227286.



This preview shows how white text looks on a background with the Android color 4278227286.

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
4278227286

Protanopia
4287200846

Deuteranopia
4287985756

Trichromacy



Original Color

4278227286



Protanomaly

4283925841



Deuteranomaly

4284449114



Tritanomaly

4280454526

Monochromacy



Original Color

4278227286



Achromatopsia

4284440415



Achromatomaly

4282151260

CSS Examples

Text

The CSS property to change the color of the text to Android 4278227286 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, 145, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 86)  
}
```

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, 145, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 86) }
```

Border

The CSS property to change the border of an element to Android 4278227286 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, 145, 86) }
```

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

```
.border{ border-color:rgb(0, 145, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 145, 86)  
}
```

Background

The CSS property to change the background color of an element to Android 4278227286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 86) }
```

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

```
.background{ background-color: rgb(0, 145,  
86) }
```

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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