

Converting Colors

Android(4278220886)

Have a look what the booklet for
Android(4278220886) contains.

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Color

Android(4278220886)

Conversions

Conversions Part 1

Format	Color
Hex	007856
RGB	0, 120, 86
RGB Percent	0%, 47%, 34%
CMY	1.0000, 0.5294, 0.6627
CMYK	1.00, 0.00, 0.28, 0.53
HSL	163°, 100%, 24%
HSV	163°, 100%, 47%
XYZ	8.3962, 14.1048, 11.0841
YIQ	80.2440, -60.6060, -36.0140

Conversions

Conversions Part 2

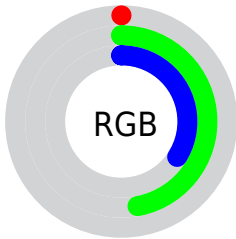
Format	Color
RYB	0, 70, 120
Decimal	30806
CIELab	44.38, -37.59, 10.72
CIELCh	44, 39.089, 164.078
Yxy	14.1048, 0.2500, 0.4200
Android (android.graphics.Color)	4278220886 (0xFF007856)
YUV	80.2440, 2.8377, -70.3740
Hunter-Lab	37.5564, -25.8179, 8.7911

Details

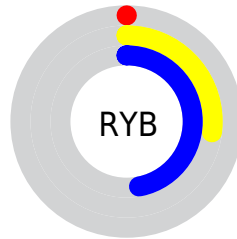
The Android color **4278220886** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4286054434**, and the grayscale version is **4283453520**.

A 20% lighter version of the original color is **4283215240**, and **4278208041** is the 20% darker color. If you saturate the color by 10%, you get **4278220886**, and if you desaturate by 10%, it is **4279007321**.

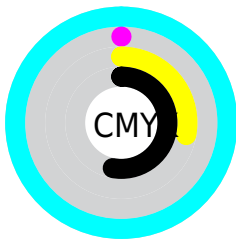
Distribution



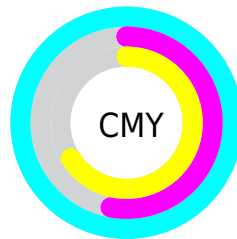
- Red (0%)
- Green (47%)
- Blue (34%)



- Red (0%)
- Yellow (27%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (66%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220886 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 4278220886 by changing the saturation by 10% instead.

 4278220886

 4278220886

4294967295

 4278214463

 4283215240

 4278208041

 4285122978

 4278202132

 4286965181

 4278196224

 4288806873

 4278190080

 4290641909

 4292607999

 4294508543

 4278220886

■ 4279007321

■ 4279793757

■ 4280580192

■ 4281366628

■ 4282153063

■ 4282939498

■ 4283725934

■ 4284512369

■ 4285298805

Harmonies

Analogous

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



4282938424



4278220886



4278221176

Triad

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



4278220886



4283197352



4288566589

Complementary

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



4278220886



4286054434

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.



4289088859



4278220886



4286536344

Square

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



4278220886



4278219175



4288434044



4287258921

Rectangle

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



4278220886



4278220940



4288434044



4288827718

Sweetspot

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



4278220886



4285373582



4280449024



4281552711



4291809231



4283387727

Same Dimension

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



4278220886



4278230127



4278214264



4281810235



4278222170



4278254773

Inverse Universe

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



4286054434



4288413740



4286061056



4282201913



4286382115



4294705224

Previews

White Background



This preview shows how the Android color 4278220886 looks on a white background.

Color Contrast Check

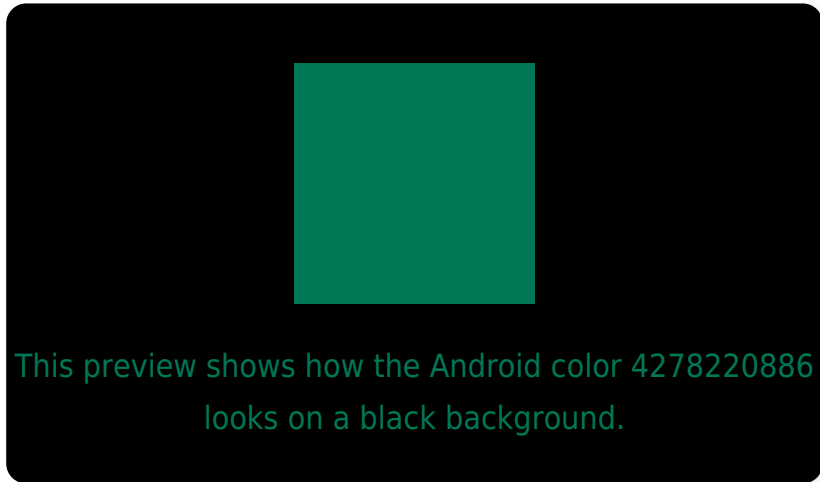
Large Text (above 18pt) WCAG AA ✓ Pass

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

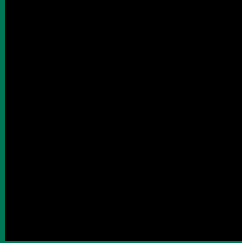
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278220886 Background



This preview shows how black text looks on a background with the Android color 4278220886.



This preview shows how white text looks on a background with the Android color 4278220886.

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

4278220886

Protanopia

4285557071

Deuteranopia

4286080346

Trichromacy



Original Color

4278220886



Protanomaly

4282871378



Deuteranomaly

4283198553



Tritanomaly

4279858542

Monochromacy



Original Color

4278220886



Achromatopsia

4283453520



Achromatomaly

4281556818

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220886 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, 120, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 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, 120, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 86) }
```

Border

The CSS property to change the border of an element to Android 4278220886 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, 120, 86) }
```

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

```
.border{ border-color:rgb(0, 120, 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, 120, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 86)  
}
```

Background

The CSS property to change the background color of an element to Android 4278220886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 86) }
```

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

```
.background{ background-color: rgb(0, 120,  
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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