

Converting Colors

Android(4280972906)

Have a look what the booklet for
Android(4280972906) contains.

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Color

Android(4280972906)

Conversions

Conversions Part 1

Format	Color
Hex	2A766A
RGB	42, 118, 106
RGB Percent	16%, 46%, 42%
CMY	0.8353, 0.5373, 0.5843
CMYK	0.64, 0.00, 0.10, 0.54
HSL	171°, 48%, 31%
HSV	171°, 64%, 46%
XYZ	10.0348, 14.4897, 15.9036
YIQ	93.9080, -41.4440, -19.8440

Conversions

Conversions Part 2

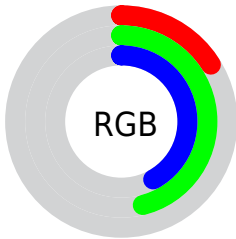
Format	Color
RYB	42, 83, 118
Decimal	2782826
CIELab	44.93, -26.30, -0.28
CIELCh	45, 26.303, 180.611
Yxy	14.4897, 0.2482, 0.3584
Android (android.graphics.Color)	4280972906 (0xFF2A766A)
YUV	93.9080, 5.9614, -45.5233
Hunter-Lab	38.0654, -19.5582, 1.8746

Details

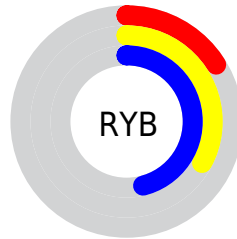
The Android color `4280972906` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285934134`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284591005`, and `4278207803` is the 20% darker color. If you saturate the color by 10%, you get `4280186472`, and if you desaturate by 10%, it is `4281759340`.

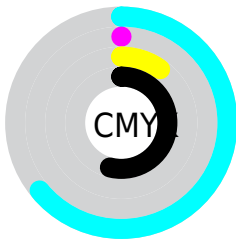
Distribution



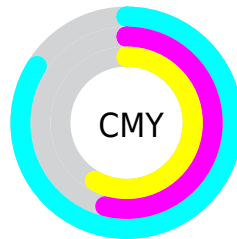
- Red (16%)
- Green (46%)
- Blue (42%)



- Red (16%)
- Yellow (33%)
- Blue (46%)



- Cyan (64%)
- Magenta (0%)
- Yellow (10%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280972906 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 4280972906 by changing the saturation by 10% instead.



4280972906



4280972906

4294967295



4278476114



4284591005



4278207803



4286367416



4278201893



4288144084



4278196752



4289986544



4278190080



4291887103



4293787647



4280972906



4280972906



4280186472



4281759340

■ 4279400038

■ 4282545774

■ 4278679140

■ 4283266672

■ 4278220387

■ 4284053105

■ 4284839539

■ 4285625973

■ 4286412407

■ 4287133305

■ 4287919739

Harmonies

Analogous

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



4282872916



4280972906



4279268736

Triad

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



4280972906



4285359248



4287258949

Complementary

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



4280972906



4285934134

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.



4287912789



4280972906



4286995840

Square

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



4280972906



4283133078



4287846763



4286081342

Rectangle

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



4280972906



4279858316



4287846763



4287586121

Sweetspot

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



4280972906



4286355860



4281824810



4282076490



4291611852



4283256141

Same Dimension

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



4280972906



4280523142



4280966518



4281678650



4278221415



4278254290

Inverse Universe

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



4285934134



4288226102



4285940522



4282070326



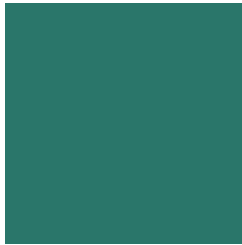
4286185491



4294574119

Previews

White Background



This preview shows how the Android color 4280972906 looks on a white background.

Color Contrast Check

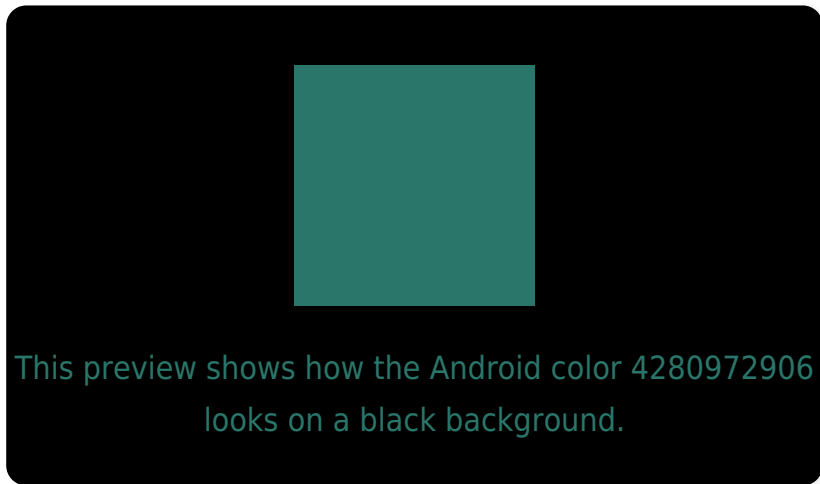
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280972906 Background



This preview shows how black text looks on a background with the Android color 4280972906.



This preview shows how white text looks on a background with the Android color 4280972906.

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

4280972906

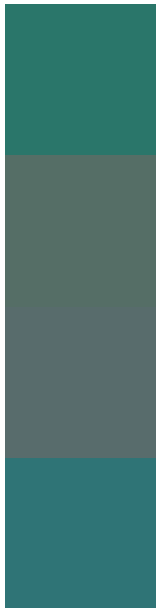
Protanopia

4285360483

Deuteranopia

4285687661

Trichromacy



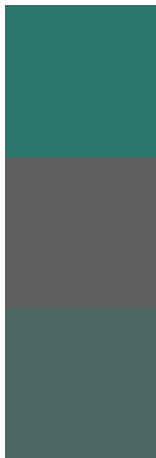
Original Color
4280972906

Protanomaly
4283788902

Deuteranomaly
4283985004

Tritanomaly
4281300086

Monochromacy



Original Color
4280972906

Achromatopsia
4284374622

Achromatomaly
4283131746

CSS Examples

Text

The CSS property to change the color of the text to Android 4280972906 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(42, 118, 106)` looks like.

```
.text, #text, p{  
    color:rgb(42, 118, 106)  
}
```

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(42, 118, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 118, 106) }
```

Border

The CSS property to change the border of an element to Android 4280972906 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(42, 118, 106) }
```

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

```
.border{ border-color:rgb(42, 118, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 118, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 118, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 118, 106);  
box-shadow:4px 4px 4px 4px rgb(42, 118,  
106) }
```

Background

The CSS property to change the background color of an element to Android 4280972906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 118, 106) }
```

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

```
.background{ background-color: rgb(42, 118,  
106) }
```

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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