

Converting Colors

Android(4280581986)

Have a look what the booklet for
Android(4280581986) contains.

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Color

Android(4280581986)

Conversions

Conversions Part 1

Format	Color
Hex	247F62
RGB	36, 127, 98
RGB Percent	14%, 50%, 38%
CMY	0.8588, 0.5020, 0.6157
CMYK	0.72, 0.00, 0.23, 0.50
HSL	161°, 56%, 32%
HSV	161°, 72%, 50%
XYZ	10.5215, 16.4357, 14.1731
YIQ	96.4850, -44.9270, -28.3110

Conversions

Conversions Part 2

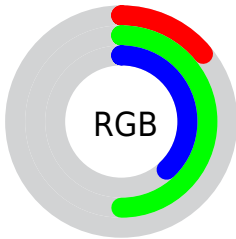
Format	Color
RYB	36, 90, 127
Decimal	2391906
CIELab	47.54, -33.81, 8.19
CIElCh	48, 34.785, 166.376
Yxy	16.4357, 0.2558, 0.3996
Android (android.graphics.Color)	4280581986 (0xFF247F62)
YUV	96.4850, 0.7469, -53.0453
Hunter-Lab	40.5409, -24.6207, 7.6508

Details

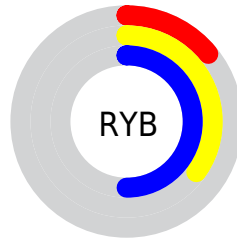
The Android color `4280581986` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286522433`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284396693`, and `4278209844` is the 20% darker color. If you saturate the color by 10%, you get `4279730014`, and if you desaturate by 10%, it is `4281433958`.

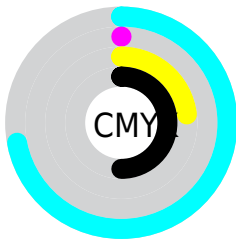
Distribution



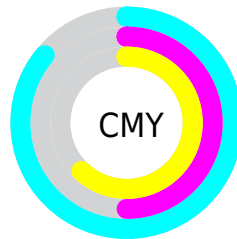
- Red (14%)
- Green (50%)
- Blue (38%)



- Red (14%)
- Yellow (35%)
- Blue (50%)



- Cyan (72%)
- Magenta (0%)
- Yellow (23%)
- Black (50%)



- Cyan (86%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280581986 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 4280581986 by changing the saturation by 10% instead.



4280581986



4280581986

4294967295



4278216266



4284396693



4278209844



4286173359



4278203678



4288015819



4278198790



4289855463



4278190080



4291756031



4293656575



4280581986



4280581986



4279730014



4281433958

■ 4278943578

■ 4282220394

■ 4278222679

■ 4283072366

■ 4283924338

■ 4284776310

■ 4285562746

■ 4286414718

■ 4287266690

■ 4288053126

Harmonies

Analogous

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



4283595591



4280581986



4278222976

Triad

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



4280581986



4284378793



4288766024

Complementary

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



4280581986



4286522433

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.



4289288546



4280581986



4287128473

Square

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



4280581986



4279859369



4288764543



4287523383

Rectangle

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



4280581986



4278222739



4288764543



4289027408

Sweetspot

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



4280581986



4286817947



4282548004



4282340429



4292138196



4283716692

Same Dimension

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



4280581986



4279740024



4280578175



4281942078



4278222935



4278190080

Inverse Universe

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



4286522433



4289075013



4286526244



4282399035



4286578729



4278190080

Previews

White Background



This preview shows how the Android color 4280581986 looks on a white background.

Color Contrast Check

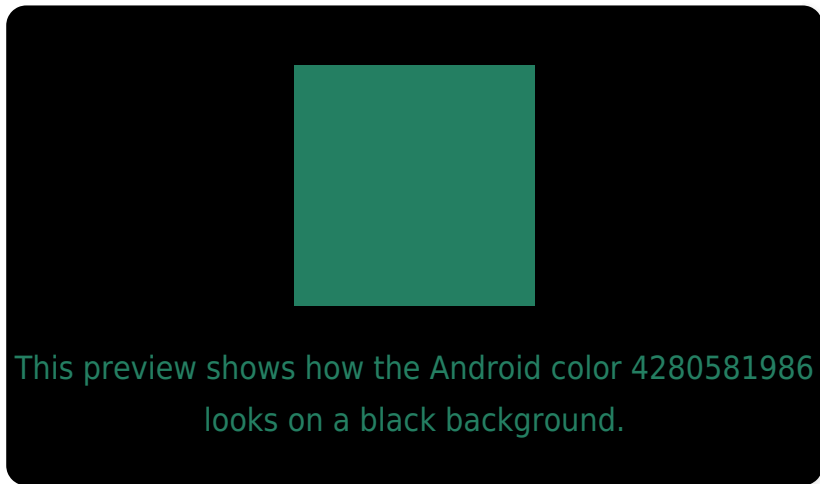
Large Text (above 18pt) WCAG AA ✓ Pass

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

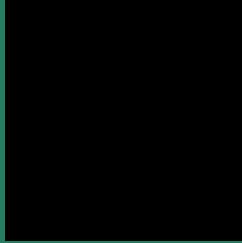
Any Text WCAG AA × Fail

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 4280581986 Background



This preview shows how black text looks on a background with the Android color 4280581986.



This preview shows how white text looks on a background with the Android color 4280581986.

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
4280581986

Protanopia
4286017627

Deuteranopia
4286540902

Trichromacy



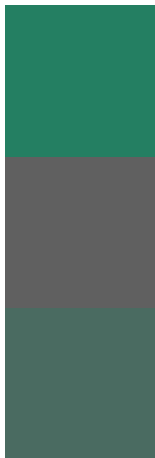
Original Color
4280581986

Protanomaly
4284052830

Deuteranomaly
4284380005

Tritanomaly
4281236600

Monochromacy



Original Color
4280581986

Achromatopsia
4284506208

Achromatomaly
4283067233

CSS Examples

Text

The CSS property to change the color of the text to Android 4280581986 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(36, 127, 98)` looks like.

```
.text, #text, p{  
    color:rgb(36, 127, 98)  
}
```

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(36, 127, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 127, 98) }
```

Border

The CSS property to change the border of an element to Android 4280581986 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(36, 127, 98) }
```

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

```
.border{ border-color:rgb(36, 127, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 127, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 127, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 127, 98);  
box-shadow:4px 4px 4px 4px rgb(36, 127,  
98) }
```

Background

The CSS property to change the background color of an element to Android 4280581986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 127, 98) }
```

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

```
.background{ background-color: rgb(36, 127,  
98) }
```

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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