

Converting Colors

Android(4279401815)

Have a look what the booklet for
Android(4279401815) contains.

Android(4279401815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4279401815)

Conversions

Conversions Part 1

Format	Color
Hex	127D57
RGB	18, 125, 87
RGB Percent	7%, 49%, 34%
CMY	0.9294, 0.5098, 0.6588
CMYK	0.86, 0.00, 0.30, 0.51
HSL	159°, 75%, 28%
HSV	159°, 86%, 49%
XYZ	9.3034, 15.4839, 11.5152
YIQ	88.6750, -51.5740, -34.5020

Conversions

Conversions Part 2

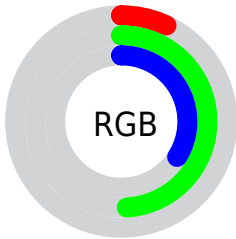
Format	Color
RYB	18, 83, 125
Decimal	1211735
CIELab	46.29, -38.06, 12.82
CIELCh	46, 40.162, 161.391
Yxy	15.4839, 0.2563, 0.4265
Android (android.graphics.Color)	4279401815 (0xFF127D57)
YUV	88.6750, -0.8258, -61.9820
Hunter-Lab	39.3496, -26.6594, 10.1943

Details

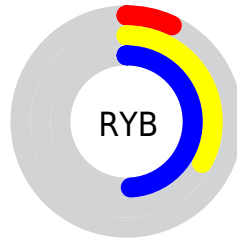
The Android color `4279401815` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286386744`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4283675273`, and `4278209321` is the 20% darker color. If you saturate the color by 10%, you get `4278615379`, and if you desaturate by 10%, it is `4280253787`.

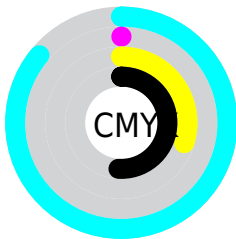
Distribution



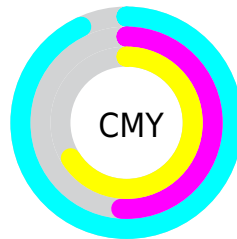
- Red (7%)
- Green (49%)
- Blue (34%)



- Red (7%)
- Yellow (33%)
- Blue (49%)



- Cyan (86%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (93%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279401815 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 4279401815 by changing the saturation by 10% instead.



4279401815



4279401815

4294967295



4278215488



4283675273



4278209321



4285517475



4278203157



4287359934



4278197760



4289265626



4278190080



4291100663



4293001215



4279401815



4279401815



4278615379



4280253787

■ 4278222161

■ 4281040224

■ 4281892196

■ 4282678633

■ 4283530605

■ 4284317042

■ 4285169014

■ 4285955451

■ 4286807423

Harmonies

Analogous

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



4283463737



4279401815



4278222714

Triad

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



4279401815



4283067824



4289091651

Complementary

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



4279401815



4286386744

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.



4289482850



4279401815



4286668960

Square

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



4279401815



4278220717



4288697476



4287783981

Rectangle

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



4279401815



4278222480



4288697476



4289352780

Sweetspot

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



4279401815



4286161812



4281957650



4281881161



4291940817



4283585106

Same Dimension

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



4279401815



4278231913



4279398269



4281942077



4278222930



4278190080

Inverse Universe

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



4286386744



4288872506



4286390290



4282399036



4286578733



4278190080

Previews

White Background



This preview shows how the Android color 4279401815 looks on a white background.

Color Contrast Check

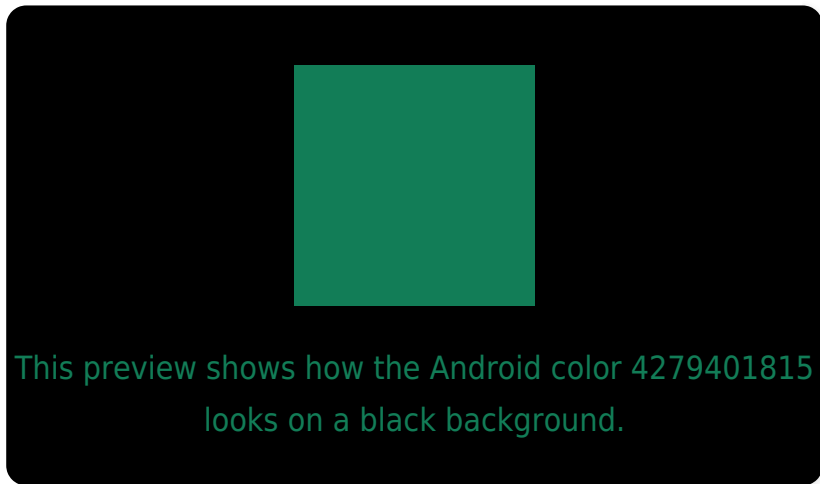
Large Text (above 18pt) WCAG AA ✓ Pass

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

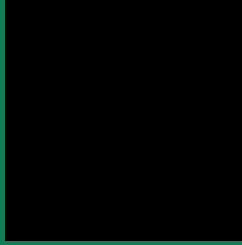
Any Text WCAG AA × Fail

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 4279401815 Background



This preview shows how black text looks on a background with the Android color 4279401815.



This preview shows how white text looks on a background with the Android color 4279401815.

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
4279401815

Protanopia
4285885776

Deuteranopia
4286474587

Trichromacy



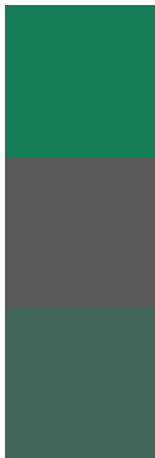
Original Color
4279401815

Protanomaly
4283528019

Deuteranomaly
4283920474

Tritanomaly
4280515186

Monochromacy



Original Color
4279401815

Achromatopsia
4284045657

Achromatomaly
4282345048

CSS Examples

Text

The CSS property to change the color of the text to Android 4279401815 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(18, 125, 87)` looks like.

```
.text, #text, p{  
    color:rgb(18, 125, 87)  
}
```

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(18, 125, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 125, 87) }
```

Border

The CSS property to change the border of an element to Android 4279401815 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(18, 125, 87) }
```

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

```
.border{ border-color:rgb(18, 125, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 125, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 125, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 125, 87);  
box-shadow:4px 4px 4px 4px rgb(18, 125,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4279401815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 125, 87) }
```

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

```
.background{ background-color: rgb(18, 125,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor