

# Converting Colors

Android(4281629046)

Have a look what the booklet for  
Android(4281629046) contains.

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# Color

**Android(4281629046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	347976
RGB	52, 121, 118
RGB Percent	20%, 47%, 46%
CMY	0.7961, 0.5255, 0.5373
CMYK	0.57, 0.00, 0.02, 0.53
HSL	177°, 40%, 34%
HSV	177°, 57%, 47%
XYZ	11.5236, 15.7128, 19.5651
YIQ	100.0270, -40.1610, -15.5610

# Conversions

## Conversions Part 2

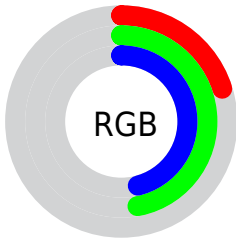
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 87, 121
Decimal	3438966
CIELab	46.60, -22.34, -4.94
CIElCh	47, 22.879, 192.460
Yxy	15.7128, 0.2462, 0.3357
Android (android.graphics.Color)	4281629046 (0xFF347976)
YUV	100.0270, 8.8607, -42.1197
Hunter-Lab	39.6394, -17.4772, -1.5166

# Details

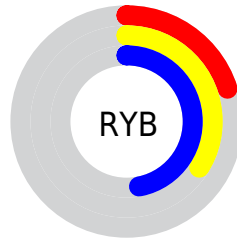
The Android color `4281629046` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286133303`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285181610`, and `4278208582` is the 20% darker color. If you saturate the color by 10%, you get `4280842613`, and if you desaturate by 10%, it is `4282415479`.

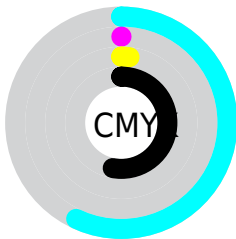
# Distribution



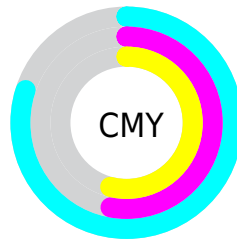
- Red (20%)
- Green (47%)
- Blue (46%)



- Red (20%)
- Yellow (34%)
- Blue (47%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281629046 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 4281629046 by changing the saturation by 10% instead.





4281629046



4281629046

4294967295



4279591005



4285181610



4278208582



4286958021



4278202672



4288734689



4278197787



4290576382



4278190080



4292476927



4294377471



4281629046



4281629046



4280842613



4282415479

■ 4280056181

■ 4283201911

■ 4279269748

■ 4283988344

■ 4278483316

■ 4284774776

■ 4278221172

■ 4285561209

■ 4286413177

■ 4287199610

■ 4287986042

■ 4288772475

# Harmonies

## Analogous

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



4282939490



4281629046



4281366408

# Triad

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



4281629046



4286277515



4286998858

# Complementary

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



4281629046



4286133303

# 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.



4287783765



4281629046



4287455610

# Square

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



4281629046



4284575380



4287979623



4285821001

# Rectangle

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



4281629046



4282152336



4287979623



4287260493



# Sweetspot

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



4281629046



4286815901



4281825588



4282339150



4291809231



4283387727



# Same Dimension

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



4281629046



4281573017



4281621113



4281810237



4278222200



4278254833



# Inverse Universe

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



4286133303



4288557879



4286141236



4282201911



4286382085

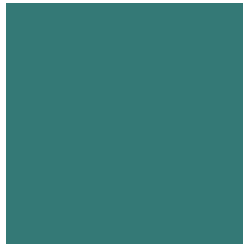


4294705163



# Previews

## White Background



This preview shows how the Android color 4281629046 looks on a white background.

## Color Contrast Check

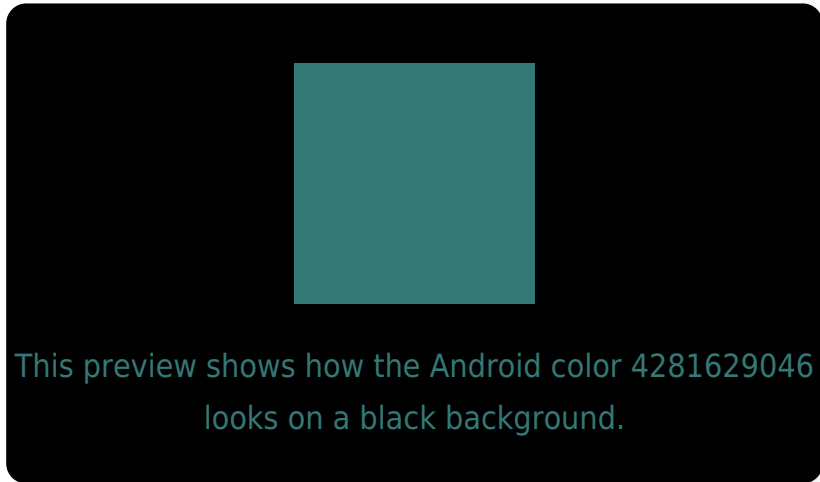
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281629046 Background



This preview shows how black text looks on a background with the Android color 4281629046.

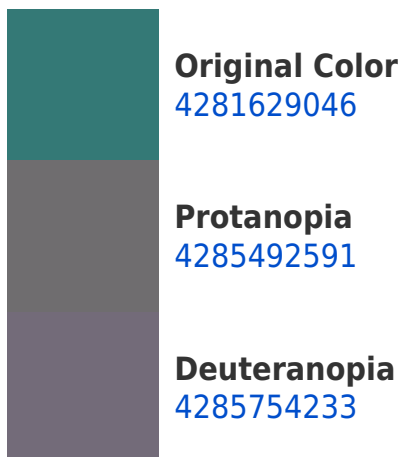


This preview shows how white text looks on a background with the Android color 4281629046.

# 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





# Trichromacy



**Original Color**  
4281629046

**Protanomaly**  
4284117362

**Deuteranomaly**  
4284248184

**Tritanomaly**  
4281825405

# Monochromacy



**Original Color**  
4281629046

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283657323

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281629046 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(52, 121, 118)` looks like.

```
.text, #text, p{  
    color:rgb(52, 121, 118)  
}
```

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(52, 121, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 121, 118) }
```

## Border

The CSS property to change the border of an element to Android 4281629046 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(52, 121, 118) }
```

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

```
.border{ border-color:rgb(52, 121, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 121, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 121, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 121, 118);  
box-shadow:4px 4px 4px 4px rgb(52, 121,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4281629046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 121, 118) }
```

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

```
.background{ background-color: rgb(52, 121,  
118) }
```

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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