

# Converting Colors

Android(4281247626)

Have a look what the booklet for  
Android(4281247626) contains.

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**Color**

**Android(4281247626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA78A
RGB	46, 167, 138
RGB Percent	18%, 65%, 54%
CMY	0.8196, 0.3451, 0.4588
CMYK	0.72, 0.00, 0.17, 0.35
HSL	166°, 57%, 42%
HSV	166°, 72%, 65%
XYZ	19.5329, 30.0533, 28.8161
YIQ	127.5150, -62.8070, -34.6710

# Conversions

## Conversions Part 2

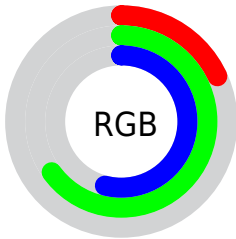
Format	Color
<a href="#">RYB</a>	<a href="#">46, 115, 167</a>
Decimal	<a href="#">3057546</a>
CIELab	<a href="#">61.70, -39.85, 5.56</a>
CIElCh	<a href="#">62, 40.239, 172.059</a>
Yxy	<a href="#">30.0533, 0.2491, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4281247626</a> ( <a href="#">0xFF2EA78A</a> )
YUV	<a href="#">127.5150, 5.1691, -71.4887</a>
Hunter-Lab	<a href="#">54.8208, -32.3363, 7.2093</a>

# Details

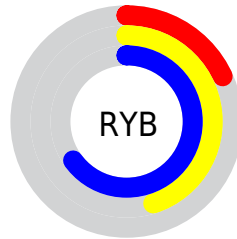
The Android color **4281247626** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **4289146443**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4285390783**, and **4278219352** is the 20% darker color. If you saturate the color by 10%, you get **4280133510**, and if you desaturate by 10%, it is **4282361742**.

# Distribution



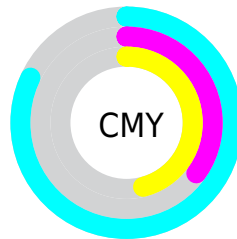
- Red (18%)
- Green (65%)
- Blue (54%)



- Red (18%)
- Yellow (45%)
- Blue (65%)



- Cyan (72%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)




- Cyan (82%)
- Magenta (35%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281247626 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 4281247626 by changing the saturation by 10% instead.



 4281247626

 4281247626

4294967295

 4278226033

 4285390783

 4278219352

 4287364315

 4278212929

 4289265656

 4278206507


 4291166207

 4278200854

 4293132287

 4278193152

 4278190080

 4281247626

 4281247626

 4280133510

 4282361742

■ 4279084930

■ 4283410322

■ 4278232959

■ 4284524438

■ 4285638554

■ 4286752670

■ 4287801250

■ 4288915366

■ 4290029482

■ 4291078062

# Harmonies

## Analogous

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



4284982120



4281247626



4278233007

# Triad

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



4281247626



4287270871



4291658590

# Complementary

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



4281247626



4289146443

# 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.



4292442748



4281247626



4290282177

# Square

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



4281247626



4282817755



4292049312



4290023502

# Rectangle

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



4281247626



4278232516



4292049312



4292050791



# Sweetspot

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



4281247626



4289321421



4283213614



4283526759



4293783021



4285427310



# Same Dimension

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



4281247626



4280080812



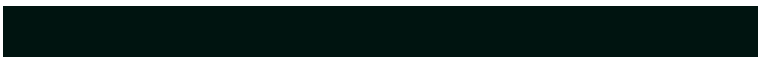
4281239975



4283192402



4278228080



4278195216



# Inverse Universe

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



4289146443



4292418633



4289154094



4283714638



4287889443

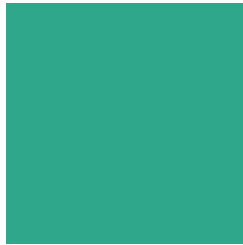


4279500805



# Previews

## White Background



This preview shows how the Android color 4281247626 looks on a white background.

## Color Contrast Check

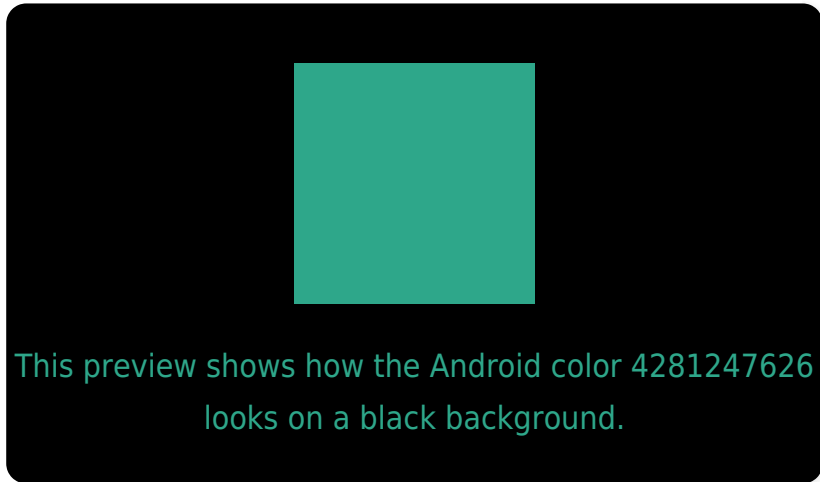
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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 ✓ Pass

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



# Android 4281247626 Background



This preview shows how black text looks on a background with the Android color 4281247626.

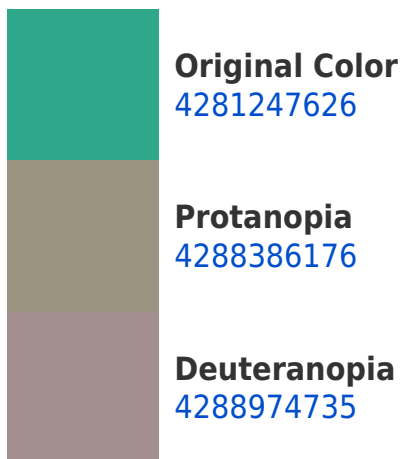


This preview shows how white text looks on a background with the Android color 4281247626.

# 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**

4281247626



**Protanomaly**

4285766532



**Deuteranomaly**

4286158989



**Tritanomaly**

4282033314

# Monochromacy



**Original Color**

4281247626



**Achromatopsia**

4286611584



**Achromatomaly**

4284649092

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281247626 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(46, 167, 138)` looks like.

```
.text, #text, p{  
    color:rgb(46, 167, 138)  
}
```

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(46, 167, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 167, 138) }
```

## Border

The CSS property to change the border of an element to Android 4281247626 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(46, 167, 138) }
```

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

```
.border{ border-color:rgb(46, 167, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 167, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 167, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 167, 138);  
box-shadow:4px 4px 4px 4px rgb(46, 167,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4281247626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 167, 138) }
```

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

```
.background{ background-color: rgb(46, 167,  
138) }
```

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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