

# Converting Colors

Android(4281246630)

Have a look what the booklet for  
Android(4281246630) contains.

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# Color

**Android(4281246630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA3A6
RGB	46, 163, 166
RGB Percent	18%, 64%, 65%
CMY	0.8196, 0.3608, 0.3490
CMYK	0.72, 0.02, 0.00, 0.35
HSL	182°, 57%, 42%
HSV	182°, 72%, 65%
XYZ	21.1068, 29.5284, 40.6635
YIQ	128.3590, -70.6950, -23.8710

# Conversions

## Conversions Part 2

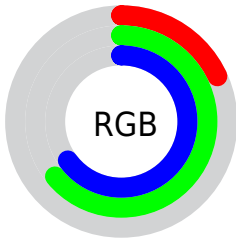
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 105, 166
Decimal	3056550
CIELab	61.25, -30.17, -10.85
CIELCh	61, 32.061, 199.773
Yxy	29.5284, 0.2312, 0.3234
Android (android.graphics.Color)	4281246630 (0xFF2EA3A6)
YUV	128.3590, 18.5570, -72.2288
Hunter-Lab	54.3400, -25.7618, -6.3296

# Details

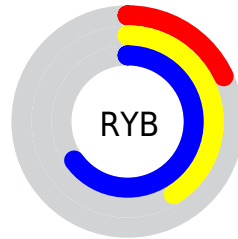
The Android color `4281246630` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289081646`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285520605`, and `4278218610` is the 20% darker color. If you saturate the color by 10%, you get `4280132518`, and if you desaturate by 10%, it is `4282360742`.

# Distribution



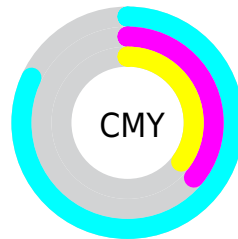
- Red (18%)
- Green (64%)
- Blue (65%)



- Red (18%)
- Yellow (41%)
- Blue (65%)



- Cyan (72%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)




- Cyan (82%)
- Magenta (36%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281246630 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 4281246630 by changing the saturation by 10% instead.



 4281246630

 4281246630

4294967295

 4278225036

 4285520605

 4278218610

 4287428602

 4278212186

 4289396735

 4278206018


 4291297279

 4278200364

 4293263359

 4278192664

 4278190080

 4281246630

 4281246630

 4280132518

 4282360742

■ 4279083686

■ 4283409574

■ 4278231718

■ 4284523686

■ 4285572518

■ 4286686630

■ 4287800742

■ 4288849574

■ 4289963686

■ 4291012518

# Harmonies

## Analogous

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



4283474825



4281246630



4281442494

# Triad

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



4281246630



4289627833



4289761116

# Complementary

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



4281246630



4289081646

# 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.



4291069290



4281246630



4291133343

# Square

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



4281246630



4287205577



4291592066



4287928414

# Rectangle

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



4281246630



4283210952



4291592066



4290218847



# Sweetspot

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



4281246630



4289321177



4281247280



4283526510



4293783021



4285427310



# Same Dimension

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



4281246630



4280079577



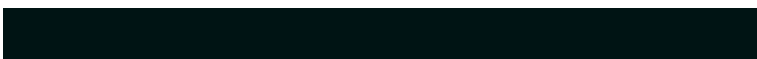
4281231526



4283192404



4278227092



4278195220



# Inverse Universe

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



4289080995



4292418772



4289096750



4283714644



4287889552



4279500820



# Previews

## White Background



This preview shows how the Android color 4281246630 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



This preview shows how the Android color 4281246630 looks on a 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 × Fail

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



# Android 4281246630 Background



This preview shows how black text looks on a background with the Android color 4281246630.

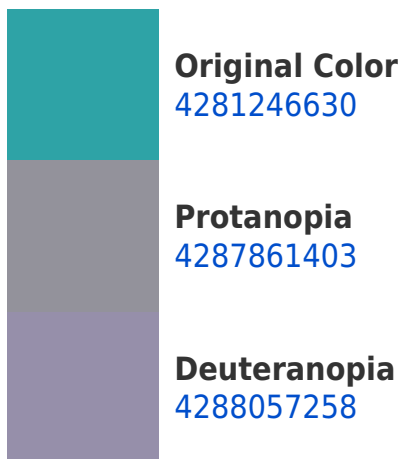


This preview shows how white text looks on a background with the Android color 4281246630.

# 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**

4281246630



**Protanomaly**

4285438111



**Deuteranomaly**

4285568681



**Tritanomaly**

4281508524

# Monochromacy



**Original Color**

4281246630



**Achromatopsia**

4286611584



**Achromatomaly**

4284648846

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281246630 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, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(46, 163, 166)  
}
```

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, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 163, 166) }
```

## Border

The CSS property to change the border of an element to Android 4281246630 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, 163, 166) }
```

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

```
.border{ border-color:rgb(46, 163, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(46, 163,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4281246630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 163, 166) }
```

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

```
.background{ background-color: rgb(46, 163,  
166) }
```

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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