

# Converting Colors

Android(4281242196)

Have a look what the booklet for  
Android(4281242196) contains.

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# Color

**Android(4281242196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E9254
RGB	46, 146, 84
RGB Percent	18%, 57%, 33%
CMY	0.8196, 0.4275, 0.6706
CMYK	0.68, 0.00, 0.42, 0.43
HSL	143°, 52%, 38%
HSV	143°, 68%, 57%
XYZ	13.0058, 21.7787, 11.9057
YIQ	109.0320, -39.6980, -40.4820

# Conversions

## Conversions Part 2

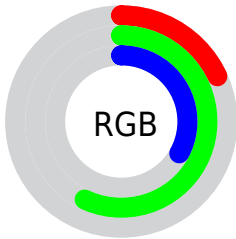
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 118, 146
Decimal	3052116
CIELab	53.79, -43.17, 24.69
CIElCh	54, 49.734, 150.232
Yxy	21.7787, 0.2786, 0.4665
Android (android.graphics.Color)	4281242196 (0xFF2E9254)
YUV	109.0320, -12.3408, -55.2791
Hunter-Lab	46.6677, -31.9222, 17.5414

# Details

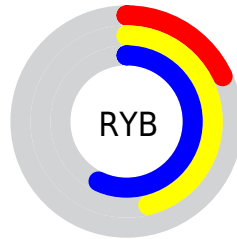
The Android color `4281242196` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287770220`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4285057414`, and `4278214181` is the 20% darker color. If you saturate the color by 10%, you get `4280259147`, and if you desaturate by 10%, it is `4282225245`.

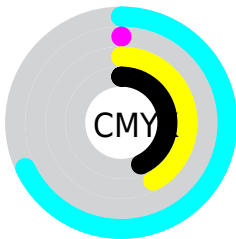
# Distribution



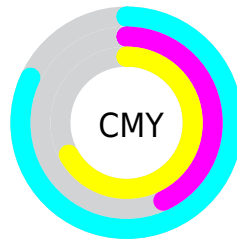
- Red (18%)
- Green (57%)
- Blue (33%)



- Red (18%)
- Yellow (46%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (42%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281242196 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 4281242196 by changing the saturation by 10% instead.





4281242196



4281242196

4294967295



4278220860



4285057414



4278214181



4286899617



4278208015



4288806844



4278202112



4290641880



4278195712



4292542452



4278190080



4294508543



4281242196



4281242196



4280259147



4282225245

■ 4279341634

■ 4283142758

■ 4278358585

■ 4284125807

■ 4278227511

■ 4285043320

■ 4286026369

■ 4287009418

■ 4287926931

■ 4288909980

■ 4289827493

# Harmonies

## Analogous

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



4285303601



4281242196



4278228352

# Triad

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



4281242196



4279010774



4291649368

# Complementary

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



4281242196



4287770220

# 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.



4291647874



4281242196



4286739915

# Square

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



4281242196



4278227146



4290077612



4290342454

# Rectangle

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



4281242196



4278228381



4290077612



4291779429



# Sweetspot

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



4281242196



4288003492



4285370926



4282867280



4292796126



4284374622



# Same Dimension

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



4281242196



4280466781



4281242245



4282600005



4278225460



4278192644



# Inverse Universe

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



4287770220



4290585218



4287770171



4283056967



4287234133



4278845446



# Previews

## White Background



This preview shows how the Android color 4281242196 looks on a white background.

## Color Contrast Check

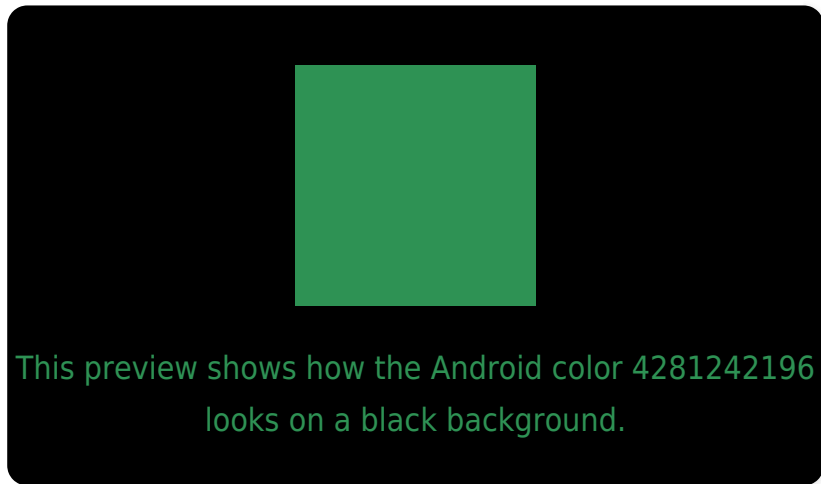
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4281242196 Background



This preview shows how black text looks on a background with the Android color 4281242196.



This preview shows how white text looks on a background with the Android color 4281242196.

# 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**

4281242196



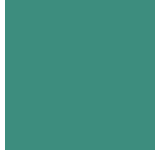
**Protanomaly**

4285171536



**Deuteranomaly**

4285629272



**Tritanomaly**

4282223998

# Monochromacy



**Original Color**

4281242196



**Achromatopsia**

4285361517



**Achromatomaly**

4283857508

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281242196 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, 146, 84)` looks like.

```
.text, #text, p{  
    color:rgb(46, 146, 84)  
}
```

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, 146, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 146, 84) }
```

## Border

The CSS property to change the border of an element to Android 4281242196 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, 146, 84) }
```

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

```
.border{ border-color:rgb(46, 146, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 146, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 146, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 146, 84);  
box-shadow:4px 4px 4px 4px rgb(46, 146,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4281242196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 146, 84) }
```

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

```
.background{ background-color: rgb(46, 146,  
84) }
```

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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