

Converting Colors

Android(4281240386)

Have a look what the booklet for
Android(4281240386) contains.

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Color

Android(4281240386)

Conversions

Conversions Part 1

Format	Color
Hex	2E8B42
RGB	46, 139, 66
RGB Percent	18%, 55%, 26%
CMY	0.8196, 0.4549, 0.7412
CMYK	0.67, 0.00, 0.53, 0.45
HSL	133°, 50%, 36%
HSV	133°, 67%, 55%
XYZ	11.3427, 19.4394, 8.3086
YIQ	102.8710, -31.9950, -42.4190

Conversions

Conversions Part 2

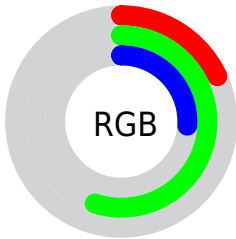
Format	Color
RYB	46, 123, 139
Decimal	3050306
CIELab	51.20, -43.48, 31.03
CIElCh	51, 53.413, 144.487
Yxy	19.4394, 0.2902, 0.4973
Android (android.graphics.Color)	4281240386 (0xFF2E8B42)
YUV	102.8710, -18.1774, -49.8759
Hunter-Lab	44.0902, -31.2366, 19.6901




Details

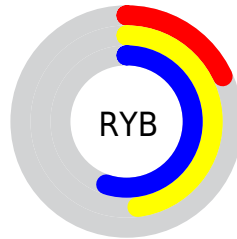
The Android color `4281240386` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287311479`, and the grayscale version is `4284966759`.




A 20% lighter version of the original color is `4284989812`, and `4278212627` is the 20% darker color. If you saturate the color by 10%, you get `4280322871`, and if you desaturate by 10%, it is `4282157901`.

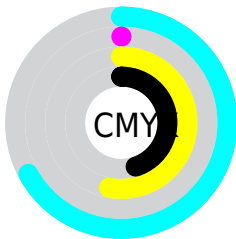
Distribution







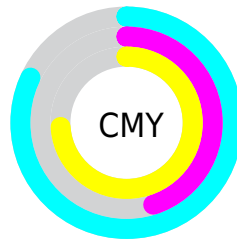
-  Red (18%)
-  Green (55%)
-  Blue (26%)






-  Red (18%)
-  Yellow (48%)
-  Blue (55%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (53%)
-  Black (45%)




-  Cyan (82%)
-  Magenta (45%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281240386 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 4281240386 by changing the saturation by 10% instead.

 4281240386

 4281240386

4294967295

 4278481194

 4284989812

 4278212627

 4286832270

 4278206208

 4288674728

 4278200832


 4290576324

 4278192128

 4292411360

 4278190080

 4294377469

 4281240386

 4281240386

 4280322871

 4282157901

■ 4279405356

■ 4283075416

■ 4278487841

■ 4283992931

■ 4278225694

■ 4284910446

■ 4285762425

■ 4286679939

■ 4287597454

■ 4288514969

■ 4289432484

Harmonies

Analogous

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



4285367069



4281240386



4278226800

Triad

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



4281240386



4278223573



4291514967

Complementary

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



4281240386



4287311479

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.



4291252100



4281240386



4285231565

Square

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



4281240386



4278225860



4289289648



4290339631

Rectangle

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



4281240386



4278227087



4289289648



4291645286

Sweetspot

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



4281240386



4287739289



4286090030



4282801227



4292598747



4284243036

Same Dimension

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



4281240386



4280595779



4281240431



4282271039



4278224157



4278191361

Inverse Universe

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



4287311479



4290061462



4287311434



4282728003



4286906472



4278517764

Previews

White Background



This preview shows how the Android color 4281240386 looks on a white background.

Color Contrast Check

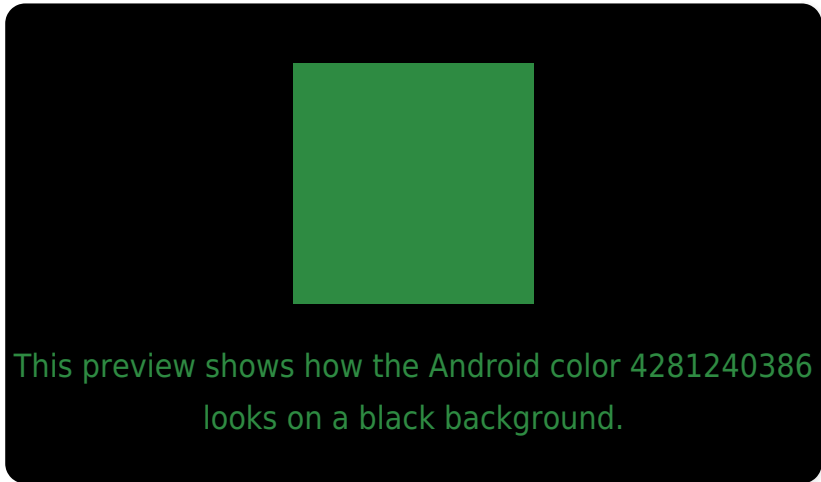
Large Text (above 18pt) WCAG AA ✓ Pass

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

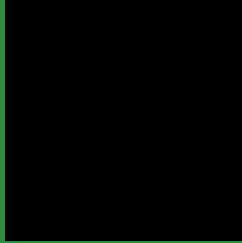
Any Text WCAG AA ✓ Pass

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 4281240386 Background



This preview shows how black text looks on a background with the Android color 4281240386.



This preview shows how white text looks on a background with the Android color 4281240386.

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
4281240386

Protanopia
4287002940

Deuteranopia
4287853640

Trichromacy



Original Color
4281240386

Protanomaly
4284907582

Deuteranomaly
4285430854

Tritanomaly
4282222194

Monochromacy



Original Color
4281240386

Achromatopsia
4284966759

Achromatomaly
4283593818

CSS Examples

Text

The CSS property to change the color of the text to Android 4281240386 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, 139, 66)` looks like.

```
.text, #text, p{  
    color:rgb(46, 139, 66)  
}
```

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, 139, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 139, 66) }
```

Border

The CSS property to change the border of an element to Android 4281240386 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, 139, 66) }
```

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

```
.border{ border-color:rgb(46, 139, 66) }
```

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

Here you see how a box with a 4 pixel rgb(46, 139, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 139, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 139, 66);  
box-shadow:4px 4px 4px 4px rgb(46, 139,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4281240386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 139, 66) }
```

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

```
.background{ background-color: rgb(46, 139,  
66) }
```

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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