

Converting Colors

Android(4281240642)

Have a look what the booklet for
Android(4281240642) contains.

Android(4281240642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281240642)

Conversions

Conversions Part 1

Format	Color
Hex	2E8C42
RGB	46, 140, 66
RGB Percent	18%, 55%, 26%
CMY	0.8196, 0.4510, 0.7412
CMYK	0.67, 0.00, 0.53, 0.45
HSL	133°, 51%, 36%
HSV	133°, 67%, 55%
XYZ	11.4882, 19.7304, 8.3571
YIQ	103.4580, -32.2700, -42.9420

Conversions

Conversions Part 2

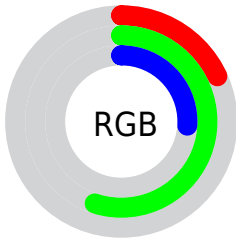
Format	Color
R_{YB}	46, 124, 140
Decimal	3050562
CIE _{Lab}	51.53, -43.87, 31.44
CIE _{LCh}	52, 53.969, 144.373
Y _{xy}	19.7304, 0.2903, 0.4985
Android (android.graphics.Color)	4281240642 (0xFF2E8C42)
YUV	103.4580, -18.4668, -50.3907
Hunter-Lab	44.4189, -31.5671, 19.9382




Details

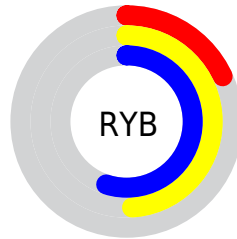
The Android color `4281240642` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287377016`, and the grayscale version is `4285032552`.




A 20% lighter version of the original color is `4285055604`, and `4278212882` is the 20% darker color. If you saturate the color by 10%, you get `4280323127`, and if you desaturate by 10%, it is `4282158157`.

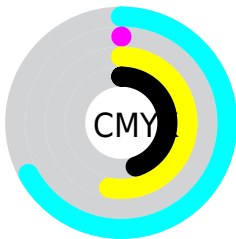
Distribution







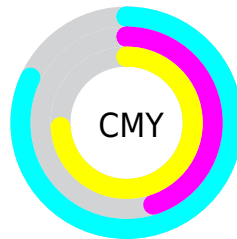
-  Red (18%)
-  Green (55%)
-  Blue (26%)






-  Red (18%)
-  Yellow (49%)
-  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 4281240642 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 4281240642 by changing the saturation by 10% instead.

 4281240642

 4281240642

4294967295

 4278415914

 4285055604

 4278212882

 4286832526

 4278206464

 4288674984

 4278201088

 4290576324

 4278192640

 4292476896

 4278190080

 4294377469

 4281240642

 4281240642

 4280323127

 4282158157

 4279405612

 4283075672

 4278488097

 4283993187

 4278225950

 4284910702

 4285828217

 4286745732

 4287663247

 4288580762

 4289498277

Harmonies

Analogous

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



4285432604



4281240642



4278227056

Triad

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



4281240642



4278223831



4291646040

Complementary

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



4281240642



4287377016

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.



4291383174



4281240642



4285231823

Square

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



4281240642



4278226373



4289355441



4290470703

Rectangle

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



4281240642



4278227344



4289355441



4291710823

Sweetspot

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



4281240642



4287739289



4286155822



4282801226



4292598747



4284243036

Same Dimension

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



4281240642



4280464706



4281240688



4282271039



4278224156



4278191361

Inverse Universe

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



4287377016



4290060950



4287376970



4282728003



4286906472



4278517764

Previews

White Background



This preview shows how the Android color 4281240642 looks on a white background.

Color Contrast Check

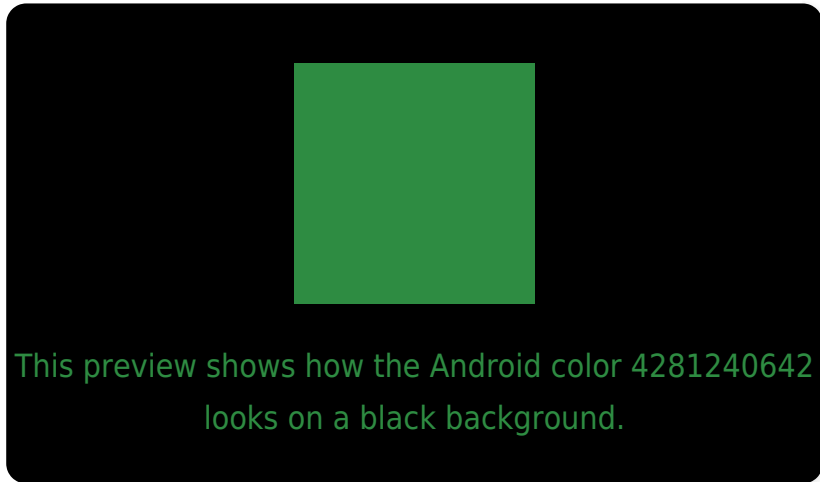
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281240642 Background



This preview shows how black text looks on a background with the Android color 4281240642.



This preview shows how white text looks on a background with the Android color 4281240642.

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
4281240642

Protanopia
4287068732

Deuteranopia
4287919176

Trichromacy



Original Color

4281240642



Protanomaly

4284973374



Deuteranomaly

4285496646



Tritanomaly

4282222450

Monochromacy



Original Color

4281240642



Achromatopsia

4284966759



Achromatomaly

4283593818

CSS Examples

Text

The CSS property to change the color of the text to Android 4281240642 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, 140, 66)` looks like.

```
.text, #text, p{  
    color:rgb(46, 140, 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, 140, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 140, 66) }
```

Border

The CSS property to change the border of an element to Android 4281240642 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, 140, 66) }
```

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

```
.border{ border-color:rgb(46, 140, 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, 140, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 140, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 140, 66);  
box-shadow:4px 4px 4px 4px rgb(46, 140,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4281240642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 140, 66) }
```

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

```
.background{ background-color: rgb(46, 140,  
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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