

Converting Colors

Android(4281233665)

Have a look what the booklet for
Android(4281233665) contains.

Android(4281233665)	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(4281233665)

Conversions

Conversions Part 1

Format	Color
Hex	2E7101
RGB	46, 113, 1
RGB Percent	18%, 44%, 0%
CMY	0.8196, 0.5569, 0.9961
CMYK	0.59, 0.00, 0.99, 0.56
HSL	96°, 98%, 22%
HSV	96°, 99%, 44%
XYZ	7.0373, 12.3933, 2.0500
YIQ	80.1990, -3.9800, -49.0360

Conversions

Conversions Part 2

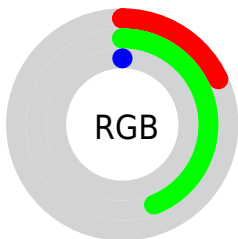
Format	Color
R_{YB}	1, 113, 68
Decimal	3043585
CIE _{Lab}	41.83, -39.33, 46.51
CIE _{LCh}	42, 60.910, 130.220
Yxy	12.3933, 0.3276, 0.5770
Android (android.graphics.Color)	4281233665 (0xFF2E7101)
YUV	80.1990, -39.0451, -29.9925
Hunter-Lab	35.2041, -25.9249, 21.1904

Details

The Android color `4281233665` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282646897`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4284851773`, and `4278206464` is the 20% darker color. If you saturate the color by 10%, you get `4281168128`, and if you desaturate by 10%, it is `4281692428`.

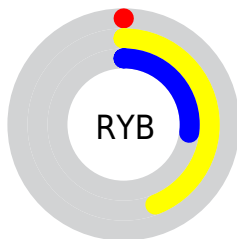
Distribution



Red (18%)

Green (44%)

Blue (0%)



Red (0%)

Yellow (44%)

Blue (27%)

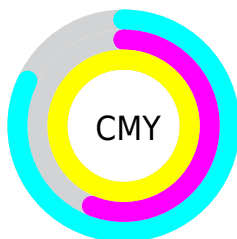


Cyan (59%)

Magenta (0%)

Yellow (99%)

Black (56%)



Cyan (82%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281233665 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 4281233665 by changing the saturation by 10% instead.



4281233665



4281233665

4294967292



4278999040



4284851773



4278206464



4286628183



4278200832



4288470385



4278193152



4290312843



4278190080



4292214694



4294115266



4294967263



4281233665



4281233665

■ 4281168128

■ 4281692428

■ 4282151192

■ 4282544419

■ 4283003182

■ 4283461946

■ 4283920709

■ 4284313936

■ 4284772699

■ 4285231463

Harmonies

Analogous

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



4285031936



4281233665



4278220606

Triad

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



4281233665



4278219202



4290389332

Complementary

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



4281233665



4282646897

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.



4289343622



4281233665



4278215622

Square

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



4281233665



4278220963



4286139568



4289739556

Rectangle

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



4281233665



4278220898



4286139568



4290258277

Sweetspot

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



4281233665



4286157928



4285612545



4282010159



4291414473



4283058762

Same Dimension

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



4281233665



4282094592



4278284554



4281677874



4281366528



4284741376

Inverse Universe

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



4282646897



4283957396



4285596008



4281741880



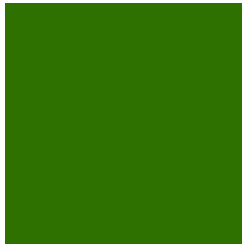
4282908792



4287889655

Previews

White Background



This preview shows how the Android color 4281233665 looks on a white background.

Color Contrast Check

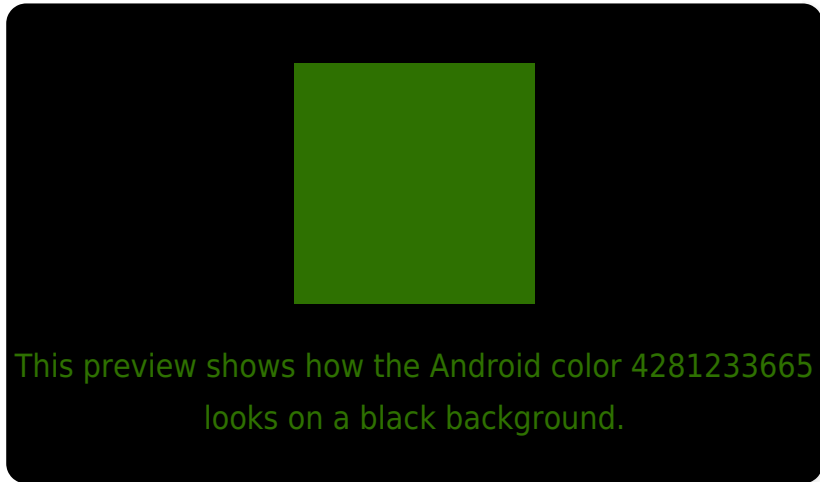
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4281233665 Background



This preview shows how black text looks on a background with the Android color 4281233665.



This preview shows how white text looks on a background with the Android color 4281233665.

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
4281233665

Protanopia
4285489920

Deuteranopia
4286340376

Trichromacy



Original Color
4281233665

Protanomaly
4283918336

Deuteranomaly
4284507152

Tritanomaly
4281953352

Monochromacy



Original Color
4281233665

Achromatopsia
4283453520

Achromatomaly
4282670131

CSS Examples

Text

The CSS property to change the color of the text to Android 4281233665 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, 113, 1)` looks like.

```
.text, #text, p{  
    color:rgb(46, 113, 1)  
}
```

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, 113, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 113, 1) }
```

Border

The CSS property to change the border of an element to Android 4281233665 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, 113, 1) }
```

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

```
.border{ border-color:rgb(46, 113, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 113, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 113, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 113, 1);  
box-shadow:4px 4px 4px 4px rgb(46, 113, 1)  
}
```

Background

The CSS property to change the background color of an element to Android 4281233665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 113, 1) }
```

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

```
.background{ background-color: rgb(46, 113,  
1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor