

Converting Colors

Android(4281426727)

Have a look what the booklet for
Android(4281426727) contains.

Android(4281426727)	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(4281426727)

Conversions

Conversions Part 1

Format	Color
Hex	316327
RGB	49, 99, 39
RGB Percent	19%, 39%, 15%
CMY	0.8078, 0.6118, 0.8471
CMYK	0.51, 0.00, 0.61, 0.61
HSL	110°, 43%, 27%
HSV	110°, 61%, 39%
XYZ	6.0947, 9.7231, 3.4750
YIQ	77.2100, -10.5400, -29.2600

Conversions

Conversions Part 2

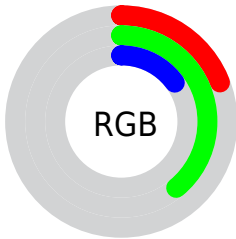
Format	Color
R_{YB}	39, 99, 89
Decimal	3236647
CIE _{Lab}	37.34, -29.79, 28.53
CIE _{LCh}	37, 41.246, 136.240
Yxy	9.7231, 0.3159, 0.5040
Android (android.graphics.Color)	4281426727 (0xFF316327)
YUV	77.2100, -18.8375, -24.7402
Hunter-Lab	31.1819, -19.6796, 15.2199

Details

The Android color `4281426727` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284032867`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4284782166`, and `4278203136` is the 20% darker color. If you saturate the color by 10%, you get `4280902429`, and if you desaturate by 10%, it is `4281951025`.

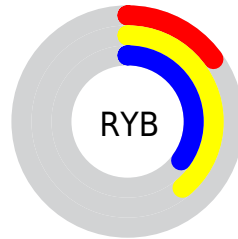
Distribution



Red (19%)

Green (39%)

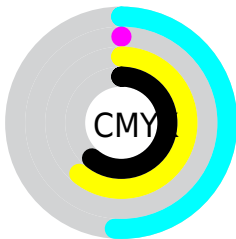
Blue (15%)



Red (15%)

Yellow (39%)

Blue (35%)

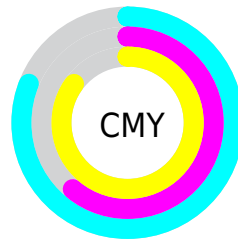


Cyan (51%)

Magenta (0%)

Yellow (61%)

Black (61%)



Cyan (81%)

Magenta (61%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281426727 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 4281426727 by changing the saturation by 10% instead.



4281426727



4281426727

4294967295



4279716624



4284782166



4278203136



4286493039



4278198272



4288204169



4278190080



4290046371



4291887039



4293787611



4294967287



4281426727



4281426727

■ 4280902429

■ 4281951025

■ 4280312595

■ 4282540859

■ 4279788297

■ 4283065157

■ 4279264000

■ 4283589455

■ 4284113753

■ 4284703586

■ 4285227884

■ 4285752182

■ 4286276480

Harmonies

Analogous

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



4283980816



4281426727



4278216519

Triad

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



4281426727



4278214808



4287904071

Complementary

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



4281426727



4284032867

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.



4287380329



4281426727



4282013080

Square

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



4281426727



4278216327



4285548422



4287316777

Rectangle

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



4281426727



4278216798



4285548422



4287903826

Sweetspot

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



4281426727



4285300841



4284700967



4281614386



4290756543



4282400832

Same Dimension

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



4281426727



4281499682



4280771387



4281085996



4279463936



4280872960

Inverse Universe

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



4284032867



4285538944



4284688207



4281347120



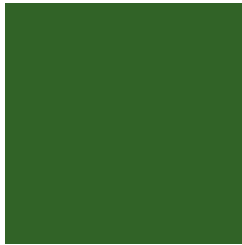
4284350576



4291297520

Previews

White Background



This preview shows how the Android color 4281426727 looks on a white background.

Color Contrast Check

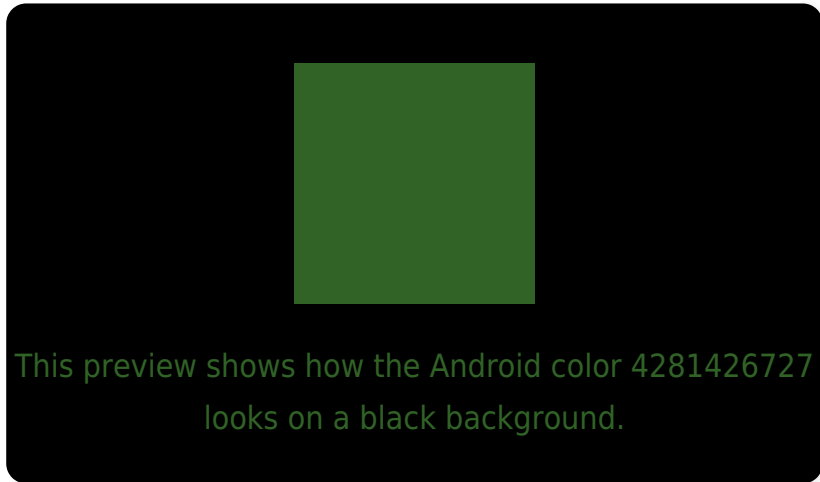
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

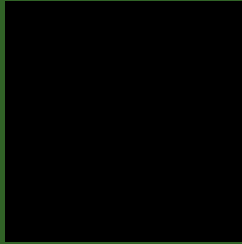
Any Text WCAG AA × Fail

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 4281426727 Background



This preview shows how black text looks on a background with the Android color 4281426727.



This preview shows how white text looks on a background with the Android color 4281426727.

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
4281426727

Protanopia
4284569636

Deuteranopia
4285289260

Trichromacy



Original Color
4281426727

Protanomaly
4283456549

Deuteranomaly
4283914538

Tritanomaly
4281950030

Monochromacy



Original Color
4281426727

Achromatopsia
4283256141

Achromatomaly
4282602815

CSS Examples

Text

The CSS property to change the color of the text to Android 4281426727 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(49, 99, 39)` looks like.

```
.text, #text, p{  
    color:rgb(49, 99, 39)  
}
```

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(49, 99, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 99, 39) }
```

Border

The CSS property to change the border of an element to Android 4281426727 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(49, 99, 39) }
```

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

```
.border{ border-color:rgb(49, 99, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 99, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 99, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 99, 39);  
box-shadow:4px 4px 4px 4px rgb(49, 99, 39)  
}
```

Background

The CSS property to change the background color of an element to Android 4281426727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 99, 39) }
```

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

```
.background{ background-color: rgb(49, 99,  
39) }
```

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