

Converting Colors

Android(4282675012)

Have a look what the booklet for
Android(4282675012) contains.

Android(4282675012)	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(4282675012)

Conversions

Conversions Part 1

Format	Color
Hex	446F44
RGB	68, 111, 68
RGB Percent	27%, 44%, 27%
CMY	0.7333, 0.5647, 0.7333
CMYK	0.39, 0.00, 0.39, 0.56
HSL	120°, 24%, 35%
HSV	120°, 39%, 44%
XYZ	9.1117, 13.0152, 7.5008
YIQ	93.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

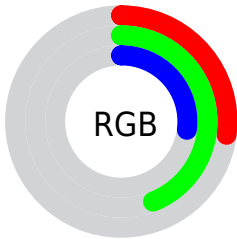
Format	Color
RYB	68, 111, 111
Decimal	4484932
CIELab	42.79, -24.55, 19.37
CIELCh	43, 31.272, 141.732
Yxy	13.0152, 0.3075, 0.4393
Android (android.graphics.Color)	4282675012 (0xFF446F44)
YUV	93.2410, -12.4438, -22.1364
Hunter-Lab	36.0766, -18.0509, 12.9264

Details

The Android color `4282675012` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285482095`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285965173`, and `4279516952` is the 20% darker color. If you saturate the color by 10%, you get `4281954105`, and if you desaturate by 10%, it is `4283395919`.

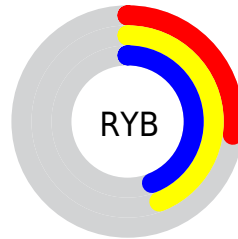
Distribution



Red (27%)

Green (44%)

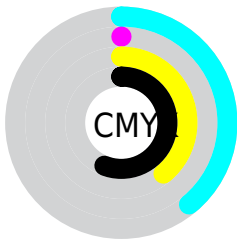
Blue (27%)



Red (27%)

Yellow (44%)

Blue (44%)

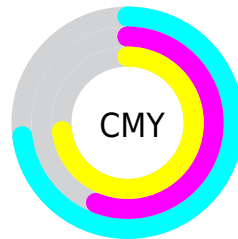


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282675012 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 4282675012 by changing the saturation by 10% instead.



4282675012



4282675012

4294967295



4281095725



4285965173



4279516952



4287676046



4278200320



4289452713



4278194432



4291295172



4278190080



4293132256

4294967293



4282675012



4282675012



4281954105



4283395919

■ 4281233198

■ 4284116826

■ 4280512291

■ 4284837733

■ 4279791384

■ 4285558640

■ 4279004940

■ 4286345084

■ 4278284033

■ 4287065991

■ 4278218496

■ 4287786898

■ 4288507805

■ 4289228712

Harmonies

Analogous

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



4284639540



4282675012



4279857757

Triad

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



4282675012



4280969880



4288041299

Complementary

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



4282675012



4285482095

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.



4287779181



4282675012



4284244373

Square

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



4282675012



4278218893



4286470021



4287518781

Rectangle

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



4282675012



4278219375



4286470021



4288041052

Sweetspot

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



4282675012



4286615936



4285493060



4282403392



4291414473



4283058762

Same Dimension

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



4282675012



4283339086



4282675034



4281481266



4278220800



4278253312

Inverse Universe

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



4285482095



4287712913



4285482074



4281872952



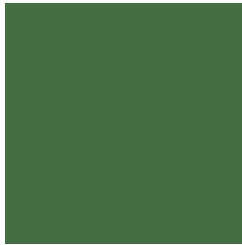
4286054520



4294377719

Previews

White Background



This preview shows how the Android color 4282675012 looks on a white background.

Color Contrast Check

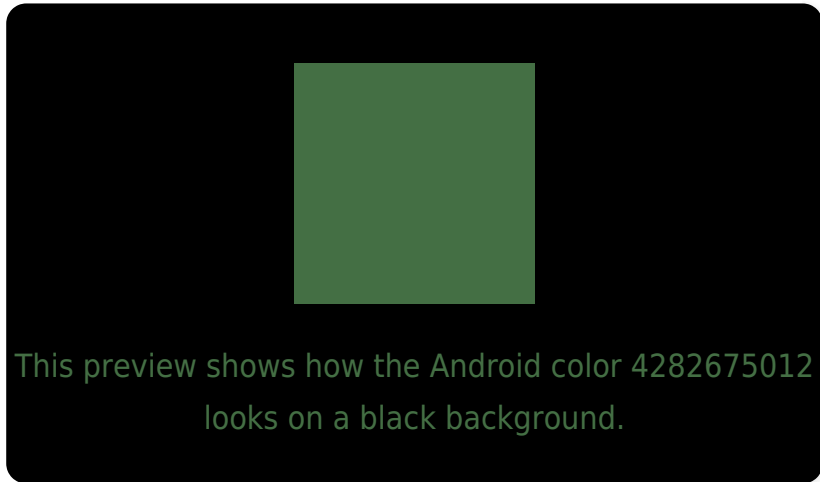
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282675012 Background



This preview shows how black text looks on a background with the Android color 4282675012.



This preview shows how white text looks on a background with the Android color 4282675012.

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
4282675012

Protanopia
4285424960

Deuteranopia
4286079047

Trichromacy



Original Color
4282675012

Protanomaly
4284442945

Deuteranomaly
4284835142

Tritanomaly
4283067233

Monochromacy



Original Color
4282675012

Achromatopsia
4284308829

Achromatomaly
4283720788

CSS Examples

Text

The CSS property to change the color of the text to Android 4282675012 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(68, 111, 68)` looks like.

```
.text, #text, p{  
    color:rgb(68, 111, 68)  
}
```

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(68, 111, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 111, 68) }
```

Border

The CSS property to change the border of an element to Android 4282675012 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(68, 111, 68) }
```

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

```
.border{ border-color:rgb(68, 111, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 111, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 111, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 111, 68);  
box-shadow:4px 4px 4px 4px rgb(68, 111,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4282675012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 111, 68) }
```

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

```
.background{ background-color: rgb(68, 111,  
68) }
```

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