

Converting Colors

Android(4282546234)

Have a look what the booklet for
Android(4282546234) contains.

Android(4282546234)	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(4282546234)

Conversions

Conversions Part 1

Format	Color
Hex	42783A
RGB	66, 120, 58
RGB Percent	26%, 47%, 23%
CMY	0.7412, 0.5294, 0.7725
CMYK	0.45, 0.00, 0.52, 0.53
HSL	112°, 35%, 35%
HSV	112°, 52%, 47%
XYZ	9.7270, 14.8967, 6.3657
YIQ	96.7860, -12.2820, -30.7300

Conversions

Conversions Part 2

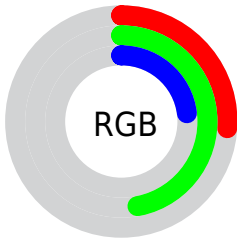
Format	Color
RYB	58, 120, 112
Decimal	4356154
CIELab	45.49, -31.18, 28.40
CIELCh	45, 42.173, 137.672
Yxy	14.8967, 0.3139, 0.4807
Android (android.graphics.Color)	4282546234 (0xFF42783A)
YUV	96.7860, -19.1215, -26.9993
Hunter-Lab	38.5962, -22.5581, 17.2387

Details

The Android color `4282546234` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285545080`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4285902187`, and `4278994700` is the 20% darker color. If you saturate the color by 10%, you get `4281890862`, and if you desaturate by 10%, it is `4283201606`.

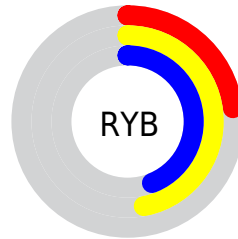
Distribution



Red (26%)

Green (47%)

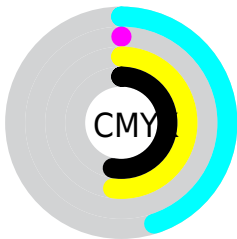
Blue (23%)



Red (23%)

Yellow (47%)

Blue (44%)

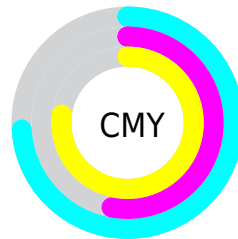


Cyan (45%)

Magenta (0%)

Yellow (52%)

Black (53%)



Cyan (74%)

Magenta (53%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282546234 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 4282546234 by changing the saturation by 10% instead.

 4282546234

 4282546234

4294967295

 4280835875

 4285902187

 4278994700

 4287678596

 4278202368

 4289455519

 4278197248

 4291297210

 4278190080

 4293197782

 4294967282

 4282546234

 4282546234

 4281890862

 4283201606

■ 4281169954

■ 4283922514

■ 4280514582

■ 4284577886

■ 4279793674

■ 4285298794

■ 4279203840

■ 4285954166

■ 4286675074

■ 4287330446

■ 4288051354

■ 4288706726

Harmonies

Analogous

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



4285231140



4282546234



4278221915

Triad

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



4282546234



4278219952



4289547608

Complementary

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



4282546234



4285545080

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.



4289023612



4282546234



4283656367

Square

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



4282546234



4278221727



4287126171



4288894777

Rectangle

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



4282546234



4278222196



4287126171



4289481828

Sweetspot

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



4282546234



4287011971



4286083130



4282535744



4291809231



4283387727

Same Dimension

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



4282546234



4282948667



4282021969



4281875767



4279270656



4280417280

Inverse Universe

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



4285545080



4287576988



4286069345



4282136381



4285333629



4292608252

Previews

White Background



This preview shows how the Android color 4282546234 looks on a white background.

Color Contrast Check

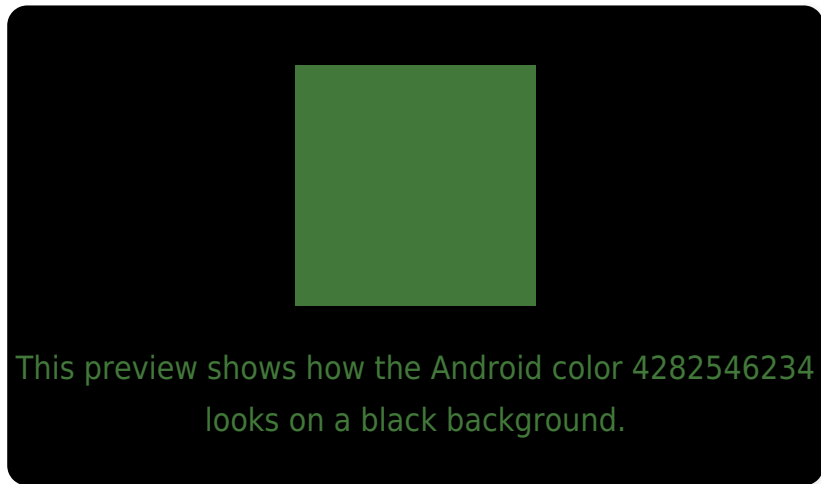
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282546234 Background



This preview shows how black text looks on a background with the Android color 4282546234.



This preview shows how white text looks on a background with the Android color 4282546234.

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

4282546234

Protanopia

4285950774

Deuteranopia

4286735935

Trichromacy



Original Color
4282546234

Protanomaly
4284706871

Deuteranomaly
4285230397

Tritanomaly
4283069539

Monochromacy



Original Color
4282546234

Achromatopsia
4284572001

Achromatomaly
4283853139

CSS Examples

Text

The CSS property to change the color of the text to Android 4282546234 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(66, 120, 58)` looks like.

```
.text, #text, p{  
    color:rgb(66, 120, 58)  
}
```

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(66, 120, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 120, 58) }
```

Border

The CSS property to change the border of an element to Android 4282546234 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(66, 120, 58) }
```

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

```
.border{ border-color:rgb(66, 120, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 120, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 120, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 120, 58);  
box-shadow:4px 4px 4px 4px rgb(66, 120,  
58) }
```

Background

The CSS property to change the background color of an element to Android 4282546234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 120, 58) }
```

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

```
.background{ background-color: rgb(66, 120,  
58) }
```

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