

Converting Colors

Android(4282733646)

Have a look what the booklet for
Android(4282733646) contains.

Android(4282733646)	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(4282733646)

Conversions

Conversions Part 1

Format	Color
Hex	45544E
RGB	69, 84, 78
RGB Percent	27%, 33%, 31%
CMY	0.7294, 0.6706, 0.6941
CMYK	0.18, 0.00, 0.07, 0.67
HSL	156°, 10%, 30%
HSV	156°, 18%, 33%
XYZ	6.9997, 8.1559, 8.4131
YIQ	78.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

Format	Color
RYB	69, 78, 84
Decimal	4543566
CIELab	34.31, -7.25, 1.55
CIELCh	34, 7.417, 167.946
Yxy	8.1559, 0.2970, 0.3460
Android (android.graphics.Color)	4282733646 (0xFF45544E)
YUV	78.8310, -0.4097, -8.6218
Hunter-Lab	28.5586, -6.2271, 2.5248

Details

The Android color **4282733646** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4283712843**, and the grayscale version is **4283387727**.

A 20% lighter version of the original color is **4285892223**, and **4279838498** is the 20% darker color. If you saturate the color by 10%, you get **4282209355**, and if you desaturate by 10%, it is **4283257937**.

Distribution



Red (27%)

Green (33%)

Blue (31%)



Red (27%)

Yellow (31%)

Blue (33%)

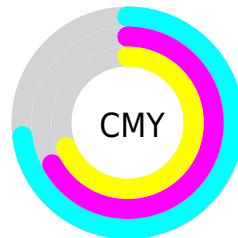


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282733646 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 4282733646 by changing the saturation by 10% instead.



4282733646



4282733646

4294967295



4281285943



4285892223



4279838498



4287602841



4278194956



4289379252



4278190080



4291155663



4292998123

4294901759



4282733646



4282733646



4282209355



4283257937

■ 4281619527

■ 4283847765

■ 4281095236

■ 4284372056

■ 4280505409

■ 4284961883

■ 4279981117

■ 4285486175

■ 4279456826

■ 4286010466

■ 4278866998

■ 4286600294

■ 4278342707

■ 4287124585

■ 4278211634

■ 4287714412

Harmonies

Analogous

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



4283126601



4282733646



4282537044

Triad

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



4282733646



4283387996



4284239432

Complementary

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



4282733646



4283712843

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.



4284304717



4282733646



4283846233

Square

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



4282733646



4282929756



4284173651



4283977541

Rectangle

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



4282733646



4282537048



4284173651



4284304714

Sweetspot

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



4282733646



4285034091



4283126853



4281677879



4290295992



4281874488

Same Dimension

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



4282733646



4283919972



4282733140



4280625447



4278217023



4278249611

Inverse Universe

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



4283712843



4285421408



4283713093



4280886566



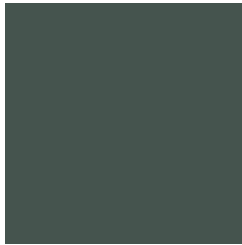
4285071402



4293394525

Previews

White Background



This preview shows how the Android color 4282733646 looks on a white background.

Color Contrast Check

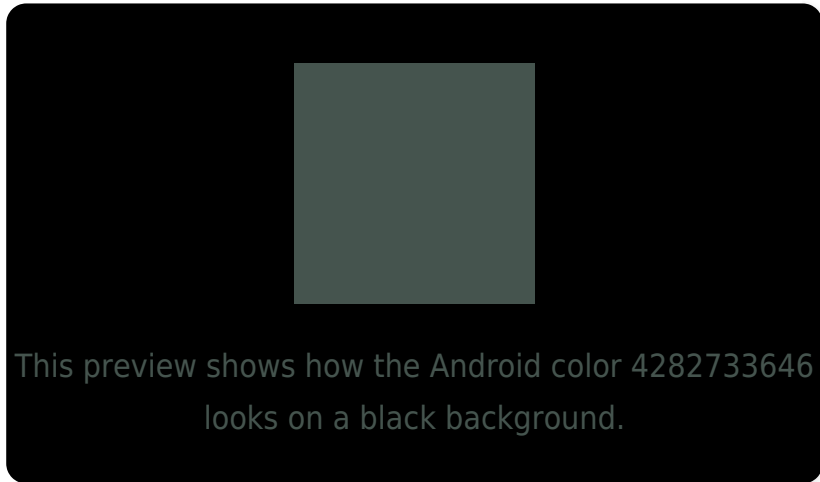
Large Text (above 18pt) WCAG AA ✓ Pass

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

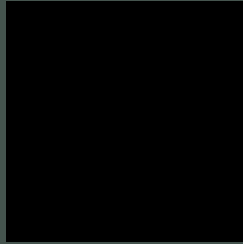
Any Text WCAG AA × Fail

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 4282733646 Background



This preview shows how black text looks on a background with the Android color 4282733646.



This preview shows how white text looks on a background with the Android color 4282733646.

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

4282733646

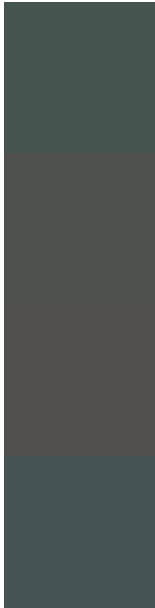
Protanopia

4283650124

Deuteranopia

4284042831

Trichromacy



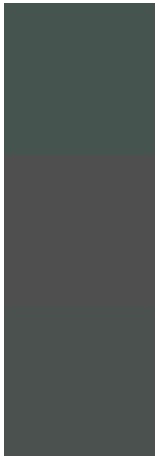
Original Color
4282733646

Protanomaly
4283322701

Deuteranomaly
4283584591

Tritanomaly
4282798933

Monochromacy



Original Color
4282733646

Achromatopsia
4283387727

Achromatomaly
4283126095

CSS Examples

Text

The CSS property to change the color of the text to Android 4282733646 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(69, 84, 78)` looks like.

```
.text, #text, p{  
    color:rgb(69, 84, 78)  
}
```

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(69, 84, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 84, 78) }
```

Border

The CSS property to change the border of an element to Android 4282733646 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(69, 84, 78) }
```

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

```
.border{ border-color:rgb(69, 84, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 84, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 84, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 84, 78);  
box-shadow:4px 4px 4px 4px rgb(69, 84, 78)  
}
```

Background

The CSS property to change the background color of an element to Android 4282733646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 84, 78) }
```

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

```
.background{ background-color: rgb(69, 84,  
78) }
```

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