

Converting Colors

Android(4282480225)

Have a look what the booklet for
Android(4282480225) contains.

Android(4282480225)	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(4282480225)

Conversions

Conversions Part 1

Format	Color
Hex	417661
RGB	65, 118, 97
RGB Percent	25%, 46%, 38%
CMY	0.7451, 0.5373, 0.6196
CMYK	0.45, 0.00, 0.18, 0.54
HSL	156°, 29%, 36%
HSV	156°, 45%, 46%
XYZ	10.8161, 14.9438, 13.6236
YIQ	99.7590, -24.8470, -17.7670

Conversions

Conversions Part 2

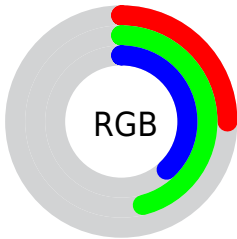
Format	Color
RYB	65, 98, 118
Decimal	4290145
CIELab	45.56, -23.04, 6.10
CIElCh	46, 23.830, 165.167
Yxy	14.9438, 0.2746, 0.3794
Android (android.graphics.Color)	4282480225 (0xFF417661)
YUV	99.7590, -1.3602, -30.4836
Hunter-Lab	38.6571, -17.7066, 6.1649

Details

The Android color `4282480225` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285940054`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285835924`, and `4279059763` is the 20% darker color. If you saturate the color by 10%, you get `4281693788`, and if you desaturate by 10%, it is `4283266662`.

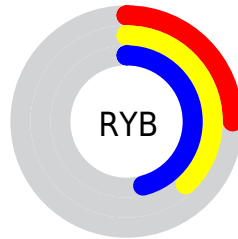
Distribution



Red (25%)

Green (46%)

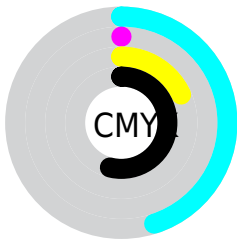
Blue (38%)



Red (25%)

Yellow (38%)

Blue (46%)

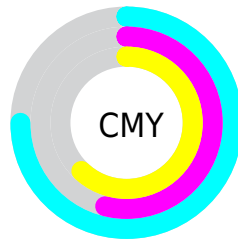


Cyan (45%)

Magenta (0%)

Yellow (18%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282480225 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 4282480225 by changing the saturation by 10% instead.



4282480225



4282480225

4294967295



4280835401



4285835924



4279059763



4287547054



4278201886



4289323722



4278197252



4291166182



4278190080



4293001215

4294901759



4282480225



4282480225



4281693788



4283266662

■ 4280907352

■ 4284053098

■ 4280186451

■ 4284773999

■ 4279400014

■ 4285560436

■ 4278613578

■ 4286346872

■ 4278220359

■ 4287133309

■ 4287919746

■ 4288640646

■ 4289427083

Harmonies

Analogous

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



4284052303



4282480225



4281038710

Triad

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



4282480225



4284508818



4287586640

Complementary

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



4282480225



4285940054

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.



4287847778



4282480225



4286276488

Square

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



4282480225



4282478994



4287454839



4286736198

Rectangle

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



4282480225



4280710786



4287454839



4287782742

Sweetspot

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



4282480225



4286945681



4283856449



4282404168



4291611852



4283256141

Same Dimension

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



4282480225



4282816888



4282478966



4281678648



4278221386



4278254231

Inverse Universe

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



4285940054



4288235111



4285941313



4282070327



4286185520



4294574179

Previews

White Background



This preview shows how the Android color 4282480225 looks on a white background.

Color Contrast Check

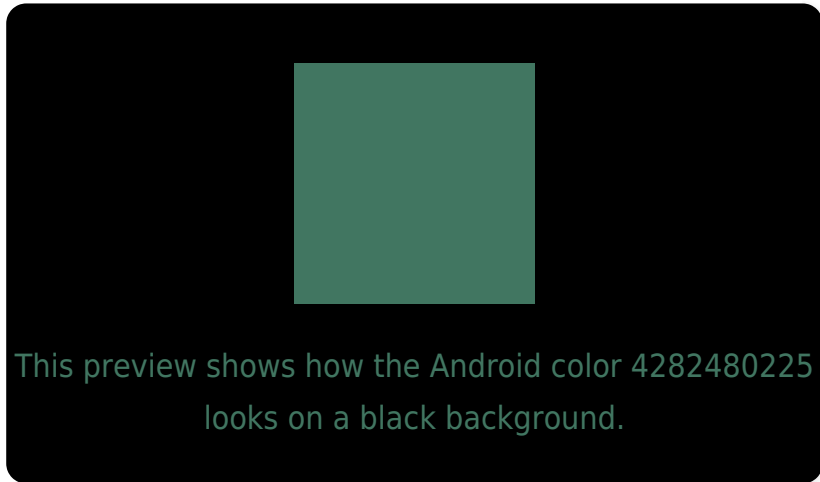
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282480225 Background



This preview shows how black text looks on a background with the Android color 4282480225.



This preview shows how white text looks on a background with the Android color 4282480225.

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

4282480225

Protanopia

4285623131

Deuteranopia

4286081124

Trichromacy



Original Color

4282480225

Protanomaly

4284510045

Deuteranomaly

4284771683

Tritanomaly

4282741618

Monochromacy



Original Color

4282480225

Achromatopsia

4284769380

Achromatomaly

4283919203

CSS Examples

Text

The CSS property to change the color of the text to Android 4282480225 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(65, 118, 97)` looks like.

```
.text, #text, p{  
    color:rgb(65, 118, 97)  
}
```

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(65, 118, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 118, 97) }
```

Border

The CSS property to change the border of an element to Android 4282480225 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(65, 118, 97) }
```

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

```
.border{ border-color:rgb(65, 118, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 118, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 118, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 118, 97);  
box-shadow:4px 4px 4px 4px rgb(65, 118,  
97) }
```

Background

The CSS property to change the background color of an element to Android 4282480225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 118, 97) }
```

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

```
.background{ background-color: rgb(65, 118,  
97) }
```

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