

Converting Colors

Android(4282813825)

Have a look what the booklet for
Android(4282813825) contains.

Android(4282813825)	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(4282813825)

Conversions

Conversions Part 1

Format	Color
Hex	468D81
RGB	70, 141, 129
RGB Percent	27%, 55%, 51%
CMY	0.7255, 0.4471, 0.4941
CMYK	0.50, 0.00, 0.09, 0.45
HSL	170°, 34%, 41%
HSV	170°, 50%, 55%
XYZ	16.0131, 21.9368, 24.1591
YIQ	118.4030, -38.4640, -18.7840

Conversions

Conversions Part 2

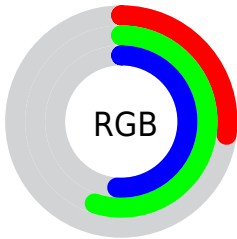
Format	Color
R_{YB}	70, 109, 141
Decimal	4623745
CIE _{Lab}	53.96, -25.40, -0.46
CIE _{LCh}	54, 25.403, 181.035
Yxy	21.9368, 0.2578, 0.3532
Android (android.graphics.Color)	4282813825 (0xFF468D81)
YUV	118.4030, 5.2243, -42.4494
Hunter-Lab	46.8368, -20.9366, 2.2030

Details

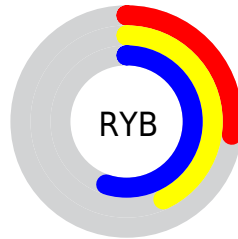
The Android color `4282813825` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287448658`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4286366646`, and `4278671952` is the 20% darker color. If you saturate the color by 10%, you get `4281896319`, and if you desaturate by 10%, it is `4283731331`.

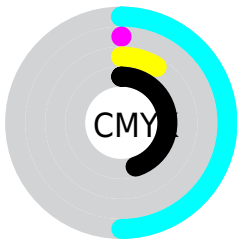
Distribution



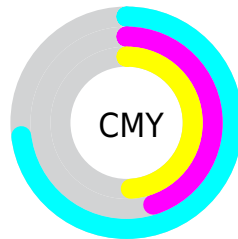
- Red (27%)
- Green (55%)
- Blue (51%)



- Red (27%)
- Yellow (43%)
- Blue (55%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282813825 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 4282813825 by changing the saturation by 10% instead.



4282813825



4282813825

4294967295



4280972136



4286366646



4278671952



4288143313



4278207033



4289985774



4278201380



4291821567



4278195982



4293722111



4278190080



4282813825



4282813825



4281896319



4283731331



4280978812



4284648838

■ 4280061306

■ 4285566344

■ 4279143799

■ 4286483851

■ 4278226293

■ 4287466893

■ 4288384399

■ 4289301906

■ 4290219412

■ 4291136918

Harmonies

Analogous

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



4284451691



4282813825



4281896087

Triad

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



4282813825



4286938022



4288837723

Complementary

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



4282813825



4287448658

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.



4289491563



4282813825



4288574615

Square

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



4282813825



4284842924



4289425793



4287660117

Rectangle

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



4282813825



4282354338



4289425793



4289099360

Sweetspot

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



4282813825



4288460979



4283665734



4283128921



4292598747



4284243036

Same Dimension

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



4282813825



4283021477



4282808205



4282402630



4278224752



4278192134

Inverse Universe

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



4287448658



4290267484



4287454278



4282859585



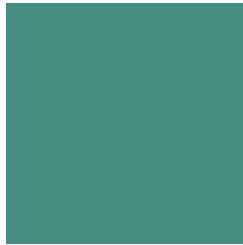
4287037463



4278714369

Previews

White Background



This preview shows how the Android color 4282813825 looks on a white background.

Color Contrast Check

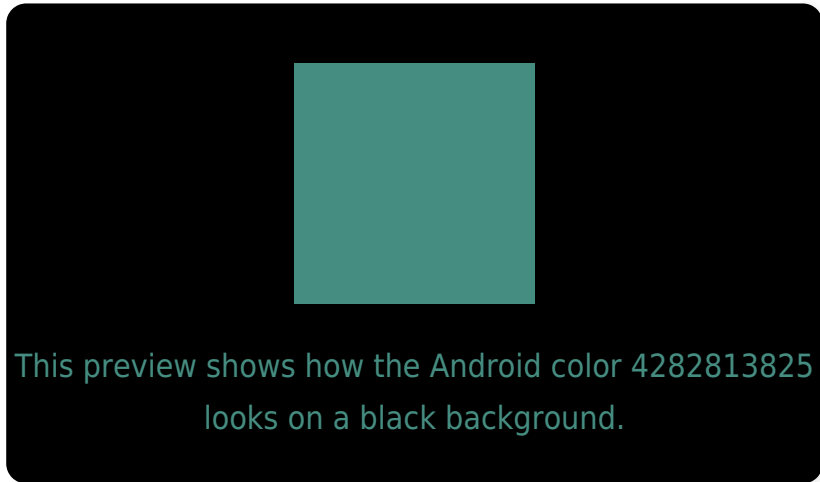
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

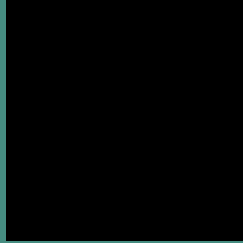
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

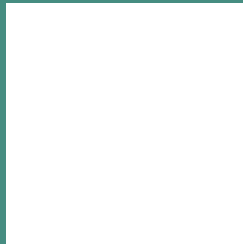
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282813825 Background



This preview shows how black text looks on a background with the Android color 4282813825.

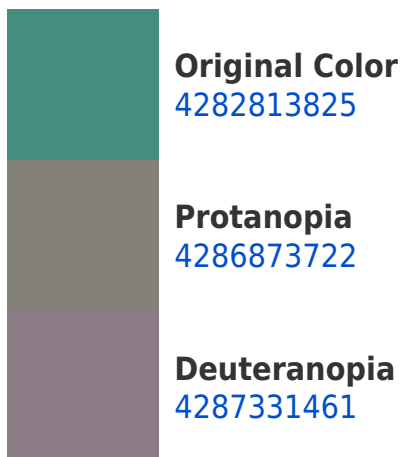


This preview shows how white text looks on a background with the Android color 4282813825.

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



Trichromacy



Original Color
4282813825

Protanomaly
4285367677

Deuteranomaly
4285694596

Tritanomaly
4283075470

Monochromacy



Original Color
4282813825

Achromatopsia
4285953654

Achromatomaly
4284841594

CSS Examples

Text

The CSS property to change the color of the text to Android 4282813825 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(70, 141, 129)` looks like.

```
.text, #text, p{  
    color:rgb(70, 141, 129)  
}
```

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(70, 141, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 141, 129) }
```

Border

The CSS property to change the border of an element to Android 4282813825 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(70, 141, 129) }
```

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

```
.border{ border-color:rgb(70, 141, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 141, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 141, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 141, 129);  
box-shadow:4px 4px 4px 4px rgb(70, 141,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4282813825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 141, 129) }
```

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

```
.background{ background-color: rgb(70, 141,  
129) }
```

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