

Converting Colors

Android(4281622877)

Have a look what the booklet for
Android(4281622877) contains.

Android(4281622877)	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(4281622877)

Conversions

Conversions Part 1

Format	Color
Hex	34615D
RGB	52, 97, 93
RGB Percent	20%, 38%, 36%
CMY	0.7961, 0.6196, 0.6353
CMYK	0.46, 0.00, 0.04, 0.62
HSL	175°, 30%, 29%
HSV	175°, 46%, 38%
XYZ	7.6667, 10.0698, 11.8955
YIQ	83.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

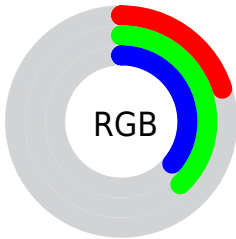
Format	Color
RYB	52, 76, 97
Decimal	3432797
CIELab	37.97, -16.58, -2.56
CIELCh	38, 16.779, 188.787
Yxy	10.0698, 0.2587, 0.3398
Android (android.graphics.Color)	4281622877 (0xFF34615D)
YUV	83.0890, 4.8861, -27.2651
Hunter-Lab	31.7329, -12.4071, -0.0126

Details

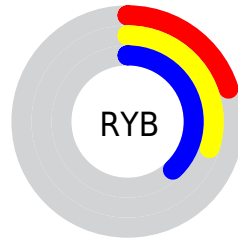
The Android color `4281622877` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284560440`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284912783`, and `4278202927` is the 20% darker color. If you saturate the color by 10%, you get `4280967516`, and if you desaturate by 10%, it is `4282278238`.

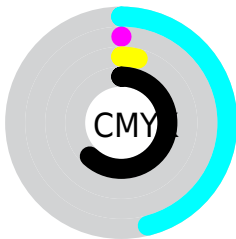
Distribution



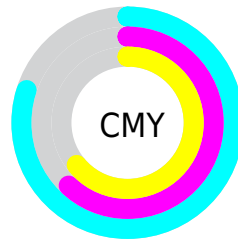
- Red (20%)
- Green (38%)
- Blue (36%)



- Red (20%)
- Yellow (30%)
- Blue (38%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281622877 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 4281622877 by changing the saturation by 10% instead.



4281622877



4281622877

4294967295



4279978309



4284912783



4278202927



4286623658



4278197786



4288334533



4278190080



4290176737



4292018173



4293853183



4281622877



4281622877



4280967516



4282278238

■ 4280377691

■ 4282868063

■ 4279722330

■ 4283523424

■ 4279066970

■ 4284178784

■ 4278477145

■ 4284834145

■ 4278215000

■ 4285423970

■ 4286079331

■ 4286734692

■ 4287324517

Harmonies

Analogous

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



4282474575



4281622877



4281426026

Triad

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



4281622877



4284503407



4285289792

Complementary

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



4281622877



4284560440

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.



4285747529



4281622877



4285419875

Square

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



4281622877



4283324788



4285812566



4284439102

Rectangle

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



4281622877



4281818736



4285812566



4285486147

Sweetspot

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



4281622877



4285234555



4281950516



4281679935



4290756543



4282400832

Same Dimension

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



4281622877



4281826679



4281618273



4281086000



4278218854



4278251738

Inverse Universe

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



4284560440



4286396221



4284565044



4281347116



4285530122



4293918741

Previews

White Background



This preview shows how the Android color 4281622877 looks on a white background.

Color Contrast Check

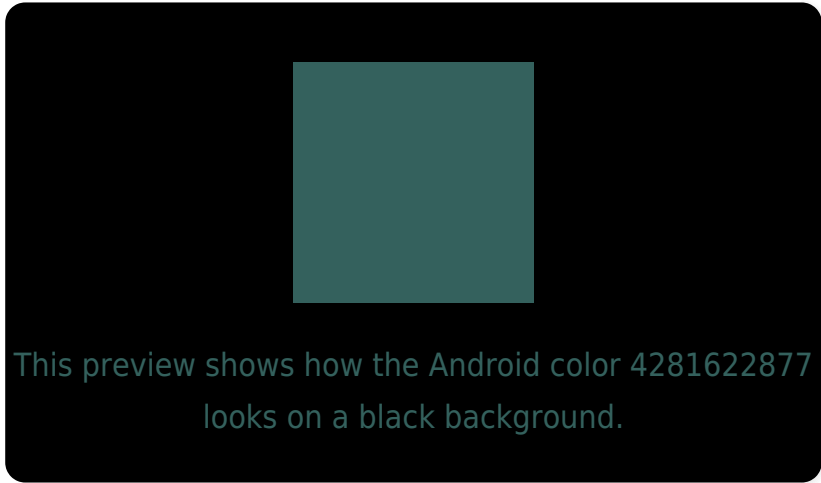
Large Text (above 18pt) WCAG AA ✓ Pass

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

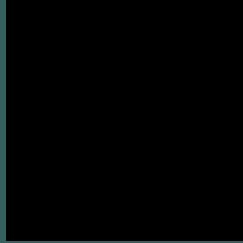
Any Text WCAG AA × Fail

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 4281622877 Background



This preview shows how black text looks on a background with the Android color 4281622877.



This preview shows how white text looks on a background with the Android color 4281622877.

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
4281622877

Protanopia
4284176728

Deuteranopia
4284438111

Trichromacy



Original Color

4281622877

Protanomaly

4283259994

Deuteranomaly

4283390558

Tritanomaly

4281753699

Monochromacy



Original Color

4281622877

Achromatopsia

4283650899

Achromatomaly

4282931287

CSS Examples

Text

The CSS property to change the color of the text to Android 4281622877 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(52, 97, 93)` looks like.

```
.text, #text, p{  
    color:rgb(52, 97, 93)  
}
```

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(52, 97, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 97, 93) }
```

Border

The CSS property to change the border of an element to Android 4281622877 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(52, 97, 93) }
```

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

```
.border{ border-color:rgb(52, 97, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 97, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 97, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 97, 93);  
box-shadow:4px 4px 4px 4px rgb(52, 97, 93)  
}
```

Background

The CSS property to change the background color of an element to Android 4281622877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 97, 93) }
```

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

```
.background{ background-color: rgb(52, 97,  
93) }
```

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