

Converting Colors

Android(4281163877)

Have a look what the booklet for
Android(4281163877) contains.

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Color

Android(4281163877)

Conversions

Conversions Part 1

Format	Color
Hex	2D6065
RGB	45, 96, 101
RGB Percent	18%, 38%, 40%
CMY	0.8235, 0.6235, 0.6039
CMYK	0.55, 0.05, 0.00, 0.60
HSL	185°, 38%, 29%
HSV	185°, 55%, 40%
XYZ	7.6140, 9.8632, 13.8144
YIQ	81.3210, -32.0010, -9.2570

Conversions

Conversions Part 2

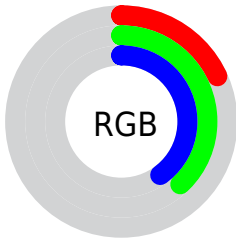
Format	Color
RYB	45, 72, 101
Decimal	2973797
CIELab	37.60, -15.48, -8.09
CIElCh	38, 17.463, 207.600
Yxy	9.8632, 0.2433, 0.3152
Android (android.graphics.Color)	4281163877 (0xFF2D6065)
YUV	81.3210, 9.7017, -31.8535
Hunter-Lab	31.4058, -11.6845, -4.0958




Details

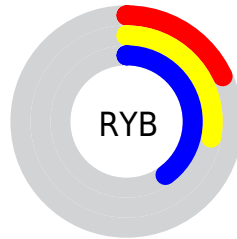
The Android color `4281163877` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284822061`, and the grayscale version is `4283519313`.




A 20% lighter version of the original color is `4284519320`, and `4278202678` is the 20% darker color. If you saturate the color by 10%, you get `4280508261`, and if you desaturate by 10%, it is `4281819493`.

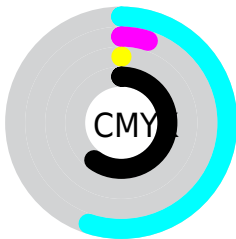
Distribution







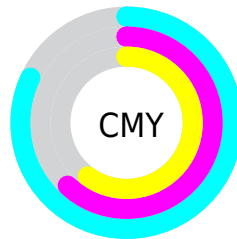
-  Red (18%)
-  Green (38%)
-  Blue (40%)






-  Red (18%)
-  Yellow (28%)
-  Blue (40%)



-  Cyan (55%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (82%)
-  Magenta (62%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281163877 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 4281163877 by changing the saturation by 10% instead.



4281163877



4281163877

4294967295



4279322701



4284519320



4278202678



4286229939



4278197537



4288006606



4278190090



4289848810



4278190080



4291690495



4293525503



4281163877



4281163877



4280508261



4281819493

■ 4279852645

■ 4282475109

■ 4279197029

■ 4283130725

■ 4278541413

■ 4283786341

■ 4278213733

■ 4284507493

■ 4285162853

■ 4285818469

■ 4286474085

■ 4287129701

Harmonies

Analogous

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



4281688151



4281163877



4281556592

Triad

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



4281163877



4285092200



4284766012

Complementary

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



4281163877



4284822061

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.



4285485633



4281163877



4285746778

Square

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



4281163877



4284044657



4285878092



4283784255

Rectangle

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



4281163877



4282276980



4285878092



4285027901

Sweetspot

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



4281163877



4285300866



4281165106



4281680194



4290953922



4282532418

Same Dimension

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



4281163877



4281039490



4281156709



4281217843



4278217075



4278246898

Inverse Universe

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



4284820832



4286720890



4284829229



4281544243



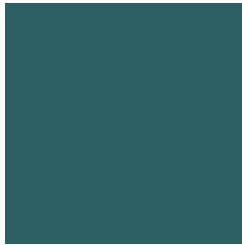
4285726825



4294050013

Previews

White Background



This preview shows how the Android color 4281163877 looks on a white background.

Color Contrast Check

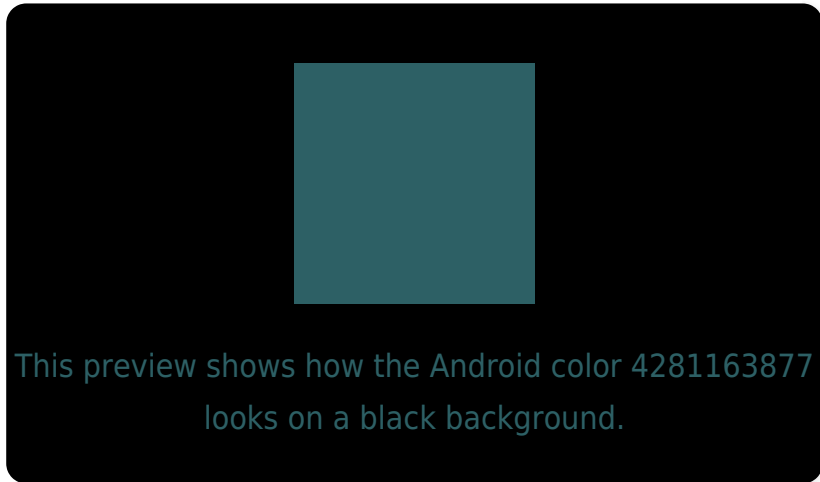
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281163877 Background



This preview shows how black text looks on a background with the Android color 4281163877.



This preview shows how white text looks on a background with the Android color 4281163877.

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

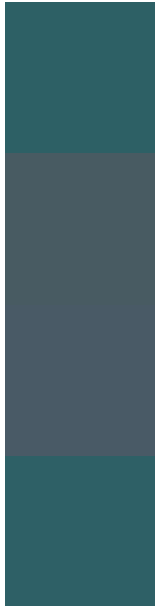


Original Color
4281163877

Protanopia
4283914336

Deuteranopia
4284044903

Trichromacy



Original Color

4281163877

Protanomaly

4282932066

Deuteranomaly

4282997350

Tritanomaly

4281229414

Monochromacy



Original Color

4281163877

Achromatopsia

4283519313

Achromatomaly

4282668632

CSS Examples

Text

The CSS property to change the color of the text to Android 4281163877 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(45, 96, 101)` looks like.

```
.text, #text, p{  
    color:rgb(45, 96, 101)  
}
```

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(45, 96, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 96, 101) }
```

Border

The CSS property to change the border of an element to Android 4281163877 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(45, 96, 101) }
```

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

```
.border{ border-color:rgb(45, 96, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 96, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 96, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 96, 101);  
box-shadow:4px 4px 4px 4px rgb(45, 96,  
101) }
```

Background

The CSS property to change the background color of an element to Android 4281163877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 96, 101) }
```

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

```
.background{ background-color: rgb(45, 96,  
101) }
```

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](#).

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