

Converting Colors

Android(4281363061)

Have a look what the booklet for
Android(4281363061) contains.

Android(4281363061)	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(4281363061)

Conversions

Conversions Part 1

Format	Color
Hex	306A75
RGB	48, 106, 117
RGB Percent	19%, 42%, 46%
CMY	0.8118, 0.5843, 0.5412
CMYK	0.59, 0.09, 0.00, 0.54
HSL	190°, 42%, 32%
HSV	190°, 59%, 46%
XYZ	9.5838, 12.2208, 18.6834
YIQ	89.9120, -38.0990, -8.8750

Conversions

Conversions Part 2

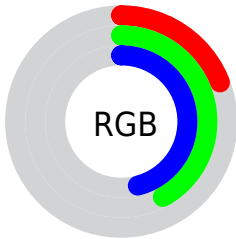
Format	Color
RYB	48, 80, 117
Decimal	3172981
CIELab	41.56, -15.40, -11.89
CIElCh	42, 19.457, 217.661
Yxy	12.2208, 0.2367, 0.3018
Android (android.graphics.Color)	4281363061 (0xFF306A75)
YUV	89.9120, 13.3544, -36.7568
Hunter-Lab	34.9583, -12.2410, -7.2166

Details

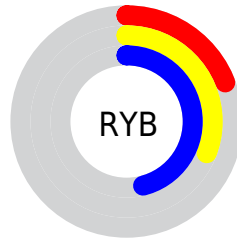
The Android color `4281363061` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285872944`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284849577`, and `4278205253` is the 20% darker color. If you saturate the color by 10%, you get `4280576117`, and if you desaturate by 10%, it is `4282150005`.

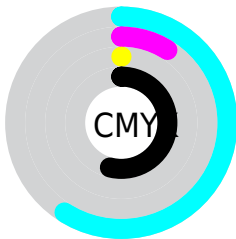
Distribution



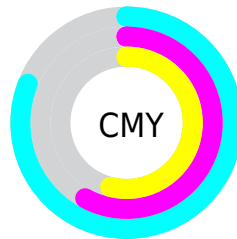
- Red (19%)
- Green (42%)
- Blue (46%)



- Red (19%)
- Yellow (31%)
- Blue (46%)



- Cyan (59%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)



- Cyan (81%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281363061 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 4281363061 by changing the saturation by 10% instead.



4281363061



4281363061

4294967295



4279390812



4284849577



4278205253



4286625988



4278199599



4288402656



4278193178



4290245117



4278190080



4292083711



4293984255



4281363061



4281363061



4280576117



4282150005

■ 4279854709

■ 4282871413

■ 4279067765

■ 4283658357

■ 4278281077

■ 4284445045

■ 4278215285

■ 4285166453

■ 4285953397

■ 4286740341

■ 4287527285

■ 4288248693

Harmonies

Analogous

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



4281690982



4281363061



4282214271

Triad

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



4281363061



4286208111



4285096514

Complementary

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



4281363061



4285872944

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.



4286078277



4281363061



4286731870

Square

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



4281363061



4285160827



4286666831



4283983688

Rectangle

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



4281363061



4283196546



4286666831



4285489474

Sweetspot

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



4281363061



4286420377



4281365818



4282141261



4291611852



4283256141

Same Dimension

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



4281363061



4281108633



4281354357



4281678395



4278216570



4278244090

Inverse Universe

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



4285870186



4288228488



4285881648



4282070330



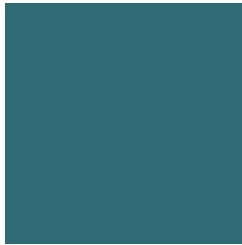
4286185575



4294574290

Previews

White Background



This preview shows how the Android color 4281363061 looks on a white background.

Color Contrast Check

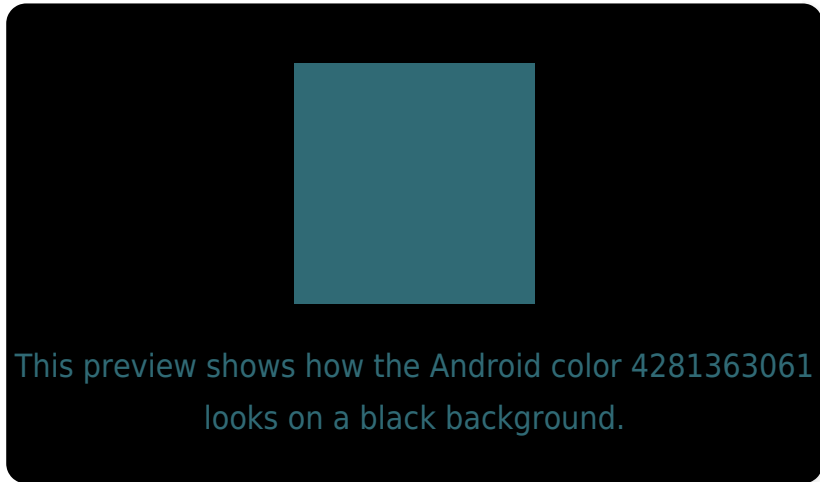
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281363061 Background



This preview shows how black text looks on a background with the Android color 4281363061.

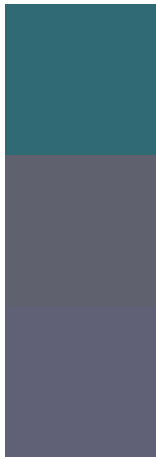


This preview shows how white text looks on a background with the Android color 4281363061.

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
4281363061

Protanopia
4284440943

Deuteranopia
4284506231

Trichromacy



Original Color
4281363061

Protanomaly
4283327601

Deuteranomaly
4283393142

Tritanomaly
4281297524

Monochromacy



Original Color
4281363061

Achromatopsia
4284111450

Achromatomaly
4283129956

CSS Examples

Text

The CSS property to change the color of the text to Android 4281363061 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(48, 106, 117)` looks like.

```
.text, #text, p{  
    color:rgb(48, 106, 117)  
}
```

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(48, 106, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 106, 117) }
```

Border

The CSS property to change the border of an element to Android 4281363061 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(48, 106, 117) }
```

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

```
.border{ border-color:rgb(48, 106, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 106, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 106, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 106, 117);  
box-shadow:4px 4px 4px 4px rgb(48, 106,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4281363061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 106, 117) }
```

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

```
.background{ background-color: rgb(48, 106,  
117) }
```

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