

Converting Colors

Android(4280773453)

Have a look what the booklet for
Android(4280773453) contains.

Android(4280773453)	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(4280773453)

Conversions

Conversions Part 1

Format	Color
Hex	276B4D
RGB	39, 107, 77
RGB Percent	15%, 42%, 30%
CMY	0.8471, 0.5804, 0.6980
CMYK	0.64, 0.00, 0.28, 0.58
HSL	154°, 47%, 29%
HSV	154°, 64%, 42%
XYZ	7.4340, 11.4825, 8.8457
YIQ	83.2480, -30.8980, -23.7460

Conversions

Conversions Part 2

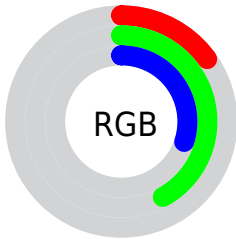
Format	Color
R_{YB}	39, 83, 107
Decimal	2583373
CIE _{Lab}	40.38, -29.20, 10.59
CIE _{LCh}	40, 31.057, 160.065
Yxy	11.4825, 0.2678, 0.4136
Android (android.graphics.Color)	4280773453 (0xFF276B4D)
YUV	83.2480, -3.0803, -38.8055
Hunter-Lab	33.8859, -20.1407, 8.2428

Details

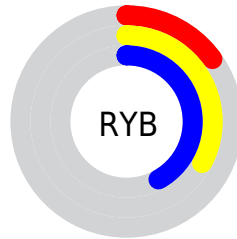
The Android color `4280773453` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285212485`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284260222`, and `4278205217` is the 20% darker color. If you saturate the color by 10%, you get `4280052552`, and if you desaturate by 10%, it is `4281494354`.

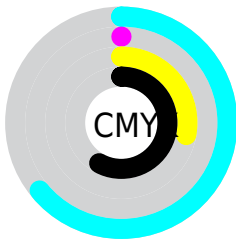
Distribution



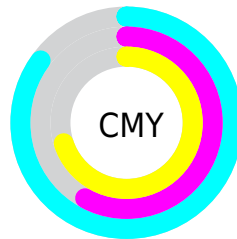
- Red (15%)
- Green (42%)
- Blue (30%)



- Red (15%)
- Yellow (33%)
- Blue (42%)



- Cyan (64%)
- Magenta (0%)
- Yellow (28%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280773453 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 4280773453 by changing the saturation by 10% instead.

 4280773453

 4280773453

4294967295

 4278604342

 4284260222

 4278205217

 4285971096

 4278199563

 4287747763

 4278190848

 4289524686

 4278190080

 4291362794

 4293263359

 4280773453

 4280773453

 4280052552

 4281494354

■ 4279397188

■ 4282149718

■ 4278676287

■ 4282870619

■ 4278217532

■ 4283591520

■ 4284312421

■ 4284967785

■ 4285688686

■ 4286409587

■ 4287064951

Harmonies

Analogous

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



4283131703



4280773453



4278217831

Triad

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



4280773453



4282736529



4287319872

Complementary

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



4280773453



4285212485

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.



4287580760



4280773453



4285355398

Square

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



4280773453



4278216590



4286926193



4286404655

Rectangle

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



4280773453



4278217848



4286926193



4287515975

Sweetspot

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



4280773453



4285697152



4282805031



4281812800



4291282887



4282861383

Same Dimension

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



4280773453



4280454237



4280772715



4281349683



4278220098



4278252937

Inverse Universe

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



4285212485



4287373905



4285213223



4281741363



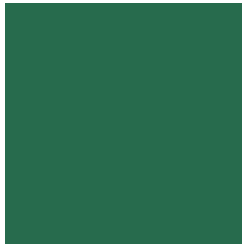
4285857844



4294246508

Previews

White Background



This preview shows how the Android color 4280773453 looks on a white background.

Color Contrast Check

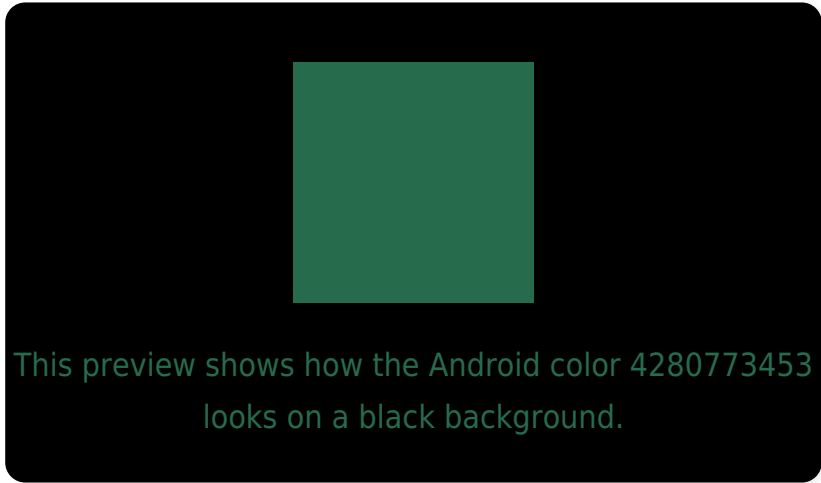
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280773453 Background



This preview shows how black text looks on a background with the Android color 4280773453.



This preview shows how white text looks on a background with the Android color 4280773453.

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

4280773453

Protanopia

4284833607

Deuteranopia

4285356880

Trichromacy



Original Color
4280773453

Protanomaly
4283327305

Deuteranomaly
4283720015

Tritanomaly
4281296995

Monochromacy



Original Color
4280773453

Achromatopsia
4283650899

Achromatomaly
4282604625

CSS Examples

Text

The CSS property to change the color of the text to Android 4280773453 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(39, 107, 77)` looks like.

```
.text, #text, p{  
    color:rgb(39, 107, 77)  
}
```

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(39, 107, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 107, 77) }
```

Border

The CSS property to change the border of an element to Android 4280773453 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(39, 107, 77) }
```

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

```
.border{ border-color:rgb(39, 107, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 107, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 107, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 107, 77);  
box-shadow:4px 4px 4px 4px rgb(39, 107,  
77) }
```

Background

The CSS property to change the background color of an element to Android 4280773453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 107, 77) }
```

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

```
.background{ background-color: rgb(39, 107,  
77) }
```

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