

Converting Colors

Android(4280105861)

Have a look what the booklet for
Android(4280105861) contains.

Android(4280105861)	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(4280105861)

Conversions

Conversions Part 1

Format	Color
Hex	1D3B85
RGB	29, 59, 133
RGB Percent	11%, 23%, 52%
CMY	0.8863, 0.7686, 0.4784
CMYK	0.78, 0.56, 0.00, 0.48
HSL	223°, 64%, 32%
HSV	223°, 78%, 52%
XYZ	6.3043, 5.0826, 22.8391
YIQ	58.4660, -41.6340, 16.6540

Conversions

Conversions Part 2

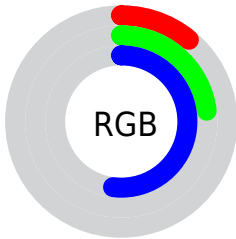
Format	Color
RYB	29, 52, 133
Decimal	1915781
CIELab	26.97, 17.19, -44.75
CIELCh	27, 47.935, 291.010
Yxy	5.0826, 0.1842, 0.1485
Android (android.graphics.Color)	4280105861 (0xFF1D3B85)
YUV	58.4660, 36.7453, -25.8417
Hunter-Lab	22.5446, 10.4621, -44.2832

Details

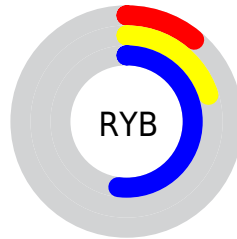
The Android color `4280105861` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4286932765`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4284115643`, and `4278195026` is the 20% darker color. If you saturate the color by 10%, you get `4279251589`, and if you desaturate by 10%, it is `4280960133`.

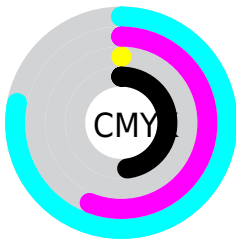
Distribution



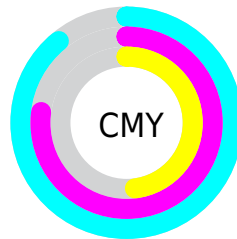
- Red (11%)
- Green (23%)
- Blue (52%)



- Red (11%)
- Yellow (20%)
- Blue (52%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (48%)



- Cyan (89%)
- Magenta (77%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280105861 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 4280105861 by changing the saturation by 10% instead.



4280105861



4280105861

4294967295



4278199915



4284115643



4278195026



4285957079



4278190651



4287798772



4278190628



4289640703



4278190092



4291548159



4278190080



4293455871



4280105861



4280105861



4279251589



4280960133

■ 4278331525

■ 4281880197

■ 4278199941

■ 4282734469

■ 4283588997

■ 4284443269

■ 4285363333

■ 4286217605

■ 4287072133

■ 4287991941

Harmonies

Analogous

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



4278208649



4280105861



4284491630

Triad

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



4280105861



4285606146



4278210355

Complementary

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



4280105861



4286932765

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.



4278209547



4280105861



4283972096

Square

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



4280105861



4286452776



4281812480



4278210649

Rectangle

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



4280105861



4285798488



4281812480



4278210086

Sweetspot

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



4280105861



4287009197



4280124774



4282271063



4292269782



4283914071

Same Dimension

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



4280105861



4278860205



4281474437



4282138178



4278199938



4278190339

Inverse Universe

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



4286913851



4289530425



4285564189



4282530878



4286709798



4278386689

Previews

White Background



This preview shows how the Android color 4280105861 looks on a white background.

Color Contrast Check

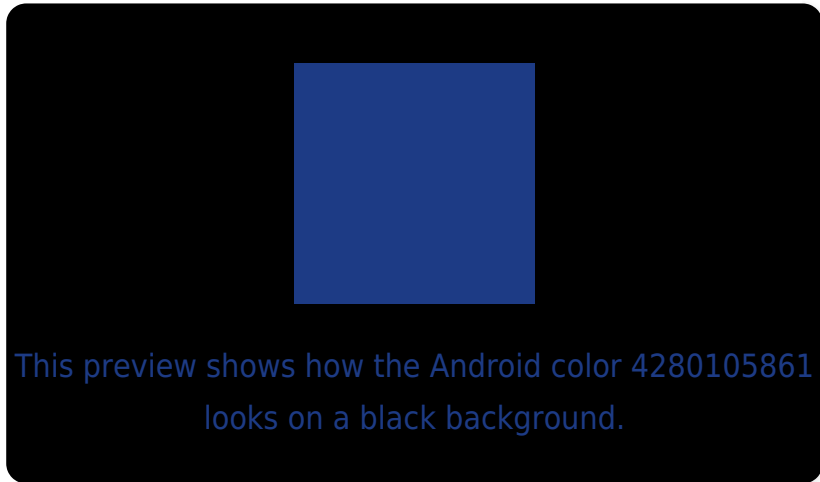
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280105861 Background



This preview shows how black text looks on a background with the Android color 4280105861.



This preview shows how white text looks on a background with the Android color 4280105861.

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

4280105861

Protanopia

4278205827

Deuteranopia

4278206833

Trichromacy



Original Color
4280105861

Protanomaly
4278926468

Deuteranomaly
4278927224

Tritanomaly
4278928225

Monochromacy



Original Color
4280105861

Achromatopsia
4282006074

Achromatomaly
4281285205

CSS Examples

Text

The CSS property to change the color of the text to Android 4280105861 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(29, 59, 133)` looks like.

```
.text, #text, p{  
    color:rgb(29, 59, 133)  
}
```

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(29, 59, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 59, 133) }
```

Border

The CSS property to change the border of an element to Android 4280105861 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(29, 59, 133) }
```

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

```
.border{ border-color:rgb(29, 59, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 59, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 59, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 59, 133);  
box-shadow:4px 4px 4px 4px rgb(29, 59,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4280105861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 59, 133) }
```

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

```
.background{ background-color: rgb(29, 59,  
133) }
```

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