

Converting Colors

Android(4280764861)

Have a look what the booklet for
Android(4280764861) contains.

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Color

Android(4280764861)

Conversions

Conversions Part 1

Format	Color
Hex	2749BD
RGB	39, 73, 189
RGB Percent	15%, 29%, 74%
CMY	0.8471, 0.7137, 0.2588
CMYK	0.79, 0.61, 0.00, 0.26
HSL	226°, 66%, 45%
HSV	226°, 79%, 74%
XYZ	12.4046, 8.8705, 49.2025
YIQ	76.0580, -57.5000, 28.8680

Conversions

Conversions Part 2

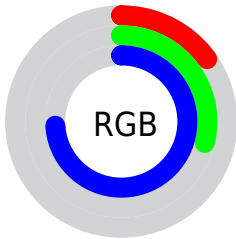
Format	Color
R_{YB}	39, 67, 189
Decimal	2574781
CIE _{Lab}	35.73, 30.63, -64.28
CIE _{LCh}	36, 71.204, 295.478
Yxy	8.8705, 0.1760, 0.1259
Android (android.graphics.Color)	4280764861 (0xFF2749BD)
YUV	76.0580, 55.6804, -32.4999
Hunter-Lab	29.7835, 22.2226, -77.0991

Details

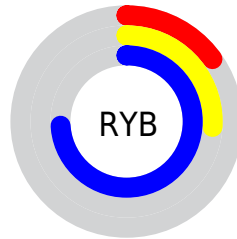
The Android color `4280764861` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4290616103`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4285364726`, and `4278198150` is the 20% darker color. If you saturate the color by 10%, you get `4279515837`, and if you desaturate by 10%, it is `4282013885`.

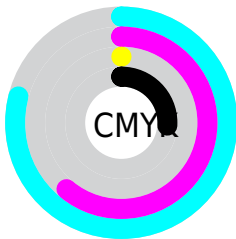
Distribution



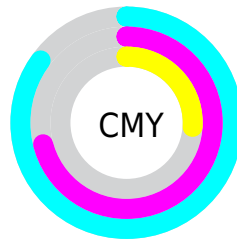
- Red (15%)
- Green (29%)
- Blue (74%)



- Red (15%)
- Yellow (26%)
- Blue (74%)



- Cyan (79%)
- Magenta (61%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (71%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280764861 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 4280764861 by changing the saturation by 10% instead.

 4280764861

 4280764861

4294967295

 4278203297

 4285364726

 4278198150

 4287337471

 4278193260

 4289310207

 4278190675

 4291283455

 4278191675

 4293256703

 4278190628

 4278190092

 4278190080

 4280764861

 4280764861

■ 4279515837

■ 4282013885

■ 4278267069

■ 4283262653

■ 4278201277

■ 4284511677

■ 4285760445

■ 4287009469

■ 4288192957

■ 4289441725

■ 4290690749

■ 4291939773

Harmonies

Analogous

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



4278214600



4280764861



4287438742

Triad

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



4280764861



4288164352



4278217289

Complementary

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



4280764861



4290616103

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.



4278216450



4280764861



4285484800

Square

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



4280764861



4289724456



4281884416



4278217604

Rectangle

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



4280764861



4289200242



4281884416



4278217013

Sweetspot

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



4280764861



4290430965



4280794522



4283916154



4294638330



4286216826

Same Dimension

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



4280764861



4278993397



4283377597



4283783006



4278199454



4278191903

Inverse Universe

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



4290586441



4294249537



4288003367



4284372311



4288544804



4280221703

Previews

White Background



This preview shows how the Android color 4280764861 looks on a white background.

Color Contrast Check

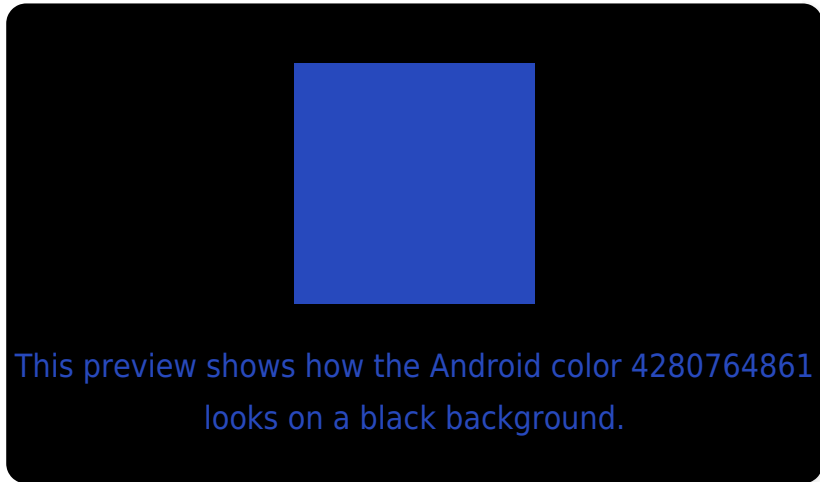
Large Text (above 18pt) WCAG AA ✓ Pass

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

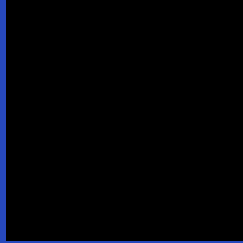
Any Text WCAG AA × Fail

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 4280764861 Background



This preview shows how black text looks on a background with the Android color 4280764861.



This preview shows how white text looks on a background with the Android color 4280764861.

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

4280764861

Protanopia

4278210987

Deuteranopia

4278212242

Trichromacy



Original Color
4280764861

Protanomaly
4279127730

Deuteranomaly
4279128482

Tritanomaly
4279129732

Monochromacy



Original Color
4280764861

Achromatopsia
4283190348

Achromatomaly
4282338165

CSS Examples

Text

The CSS property to change the color of the text to Android 4280764861 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, 73, 189)` looks like.

```
.text, #text, p{  
    color:rgb(39, 73, 189)  
}
```

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, 73, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 73, 189) }
```

Border

The CSS property to change the border of an element to Android 4280764861 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, 73, 189) }
```

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

```
.border{ border-color:rgb(39, 73, 189) }
```

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

Here you see how a box with a 4 pixel rgb(39, 73, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 73, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 73, 189);  
box-shadow:4px 4px 4px 4px rgb(39, 73,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4280764861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 73, 189) }
```

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

```
.background{ background-color: rgb(39, 73,  
189) }
```

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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