

Converting Colors

Android(4280774102)

Have a look what the booklet for
Android(4280774102) contains.

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Color

Android(4280774102)

Conversions

Conversions Part 1

Format	Color
Hex	276DD6
RGB	39, 109, 214
RGB Percent	15%, 43%, 84%
CMY	0.8471, 0.5725, 0.1608
CMYK	0.82, 0.49, 0.00, 0.16
HSL	216°, 69%, 50%
HSV	216°, 82%, 84%
XYZ	18.4429, 16.2237, 65.7778
YIQ	100.0400, -75.4250, 17.8150

Conversions

Conversions Part 2

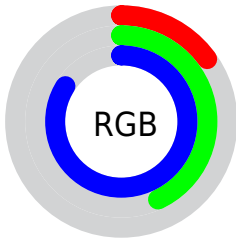
Format	Color
R_{YB}	39, 89, 214
Decimal	2584022
CIE _{Lab}	47.27, 16.77, -59.99
CIE _{LCh}	47, 62.290, 285.616
Yxy	16.2237, 0.1836, 0.1615
Android (android.graphics.Color)	4280774102 (0xFF276DD6)
YUV	100.0400, 56.1823, -53.5321
Hunter-Lab	40.2786, 11.2448, -68.6297

Details

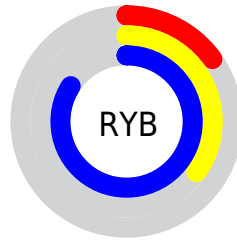
The Android color `4280774102` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292251687`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285636863`, and `4278206366` is the 20% darker color. If you saturate the color by 10%, you get `4279394518`, and if you desaturate by 10%, it is `4282153686`.

Distribution



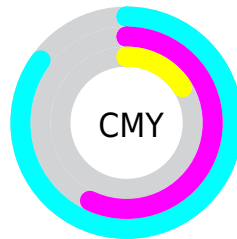
- Red (15%)
- Green (43%)
- Blue (84%)



- Red (15%)
- Yellow (35%)
- Blue (84%)



- Cyan (82%)
- Magenta (49%)
- Yellow (0%)
- Black (16%)



- Cyan (85%)
- Magenta (57%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280774102 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 4280774102 by changing the saturation by 10% instead.

 4280774102

 4280774102

4294967295

 4278212026

 4285636863


 4278206366

 4287675391

 4278200964

 4289713919

 4278196330

 4291687167

 4278191953

 4293722111

 4278191417

 4278190626

 4278190089

 4278190080

■ 4280774102

■ 4280774102

■ 4279394518

■ 4282153686

■ 4278212310

■ 4283598806

■ 4284978390

■ 4286423254

■ 4287802838

■ 4289182422

■ 4290627542

■ 4292007126

■ 4293452246

Harmonies

Analogous

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



4278222294



4280774102



4287911098

Triad

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



4280774102



4290595878



4278224468

Complementary

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



4280774102



4292251687

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.



4281041181



4280774102



4288439296

Square

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



4280774102



4291573335



4285429248



4278225035

Rectangle

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



4280774102



4290134684



4285429248



4278224194

Sweetspot

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



4280774102



4290763263



4280800912



4284049792



4278190080



4286611584

Same Dimension

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



4280774102



4278544895



4281870294



4284507499



4278207659



4278194475

Inverse Universe

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



4292224877



4294903145



4291155495



4285227109



4289396804



4281008145

Previews

White Background



This preview shows how the Android color 4280774102 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



This preview shows how the Android color 4280774102 looks on a 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 4280774102 Background



This preview shows how black text looks on a background with the Android color 4280774102.



This preview shows how white text looks on a background with the Android color 4280774102.

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

4280774102

Protanopia

4281625813

Deuteranopia

4278219463

Trichromacy



Original Color
4280774102

Protanomaly
4281298133

Deuteranomaly
4279136460

Tritanomaly
4279138210

Monochromacy



Original Color
4280774102

Achromatopsia
4284769380

Achromatomaly
4283328397

CSS Examples

Text

The CSS property to change the color of the text to Android 4280774102 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, 109, 214)` looks like.

```
.text, #text, p{  
    color:rgb(39, 109, 214)  
}
```

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, 109, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 109, 214) }
```

Border

The CSS property to change the border of an element to Android 4280774102 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, 109, 214) }
```

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

```
.border{ border-color:rgb(39, 109, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 109, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 109, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 109, 214);  
box-shadow:4px 4px 4px 4px rgb(39, 109,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4280774102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 109, 214) }
```

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

```
.background{ background-color: rgb(39, 109,  
214) }
```

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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