

Converting Colors

Android(4280770976)

Have a look what the booklet for
Android(4280770976) contains.

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Color

Android(4280770976)

Conversions

Conversions Part 1

Format	Color
Hex	2761A0
RGB	39, 97, 160
RGB Percent	15%, 38%, 63%
CMY	0.8471, 0.6196, 0.3725
CMYK	0.76, 0.39, 0.00, 0.37
HSL	211°, 61%, 39%
HSV	211°, 76%, 63%
XYZ	11.4566, 11.5188, 34.8772
YIQ	86.8400, -54.7910, 7.2970

Conversions

Conversions Part 2

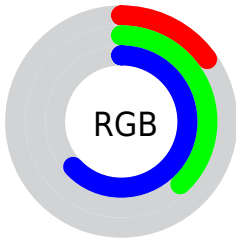
Format	Color
R_{YB}	39, 78, 160
Decimal	2580896
CIE _{Lab}	40.44, 3.71, -39.53
CIE _{LCh}	40, 39.705, 275.359
Yxy	11.5188, 0.1980, 0.1991
Android (android.graphics.Color)	4280770976 (0xFF2761A0)
YUV	86.8400, 36.0679, -41.9557
Hunter-Lab	33.9393, 0.8606, -37.1709

Details

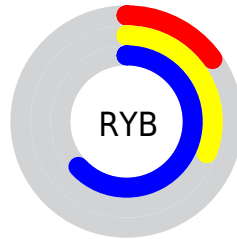
The Android color `4280770976` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288701991`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284847063`, and `4278203244` is the 20% darker color. If you saturate the color by 10%, you get `4279720352`, and if you desaturate by 10%, it is `4281821600`.

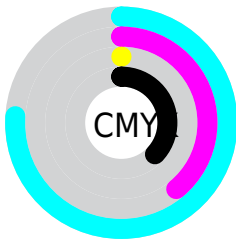
Distribution



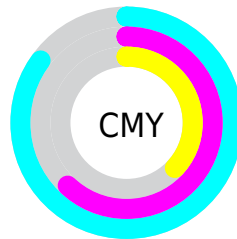
- Red (15%)
- Green (38%)
- Blue (63%)



- Red (15%)
- Yellow (31%)
- Blue (63%)



- Cyan (76%)
- Magenta (39%)
- Yellow (0%)
- Black (37%)



- Cyan (85%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280770976 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 4280770976 by changing the saturation by 10% instead.

 4280770976

 4280770976

4294967295

 4278209158

 4284847063

 4278203244

 4286754548

 4278198099

 4288596479

 4278191164

 4290504191

 4278190629

 4292411391

 4278190350

 4294377471

 4278190080

 4280770976

 4280770976

 4279720352

 4281821600

■ 4278669472

■ 4282872480

■ 4278209952

■ 4283923104

■ 4284973728

■ 4286024608

■ 4287075232

■ 4288125856

■ 4289176736

■ 4290227360

Harmonies

Analogous

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



4278217370



4280770976



4285093012

Triad

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



4280770976



4288104508



4279463235

Complementary

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



4280770976



4288701991

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.



4283066407



4280770976



4286993443

Square

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



4280770976



4288299611



4285292570



4278218596

Rectangle

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



4280770976



4286729093



4285292570



4281101369

Sweetspot

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



4280770976



4288788689



4280787046



4283128169



4293454056



4285098345

Same Dimension

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



4280770976



4279463633



4280887200



4282862415



4278207631



4278191887

Inverse Universe

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



4288685921



4291892078



4288585767



4283385675



4287561796



4279173127

Previews

White Background



This preview shows how the Android color 4280770976 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 4280770976 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 4280770976 Background



This preview shows how black text looks on a background with the Android color 4280770976.



This preview shows how white text looks on a background with the Android color 4280770976.

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

4280770976

Protanopia

4282736028

Deuteranopia

4281426080

Trichromacy



Original Color
4280770976

Protanomaly
4282015389

Deuteranomaly
4281163936

Tritanomaly
4279134083

Monochromacy



Original Color
4280770976

Achromatopsia
4283914071

Achromatomaly
4282801010

CSS Examples

Text

The CSS property to change the color of the text to Android 4280770976 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, 97, 160)` looks like.

```
.text, #text, p{  
    color:rgb(39, 97, 160)  
}
```

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, 97, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 97, 160) }
```

Border

The CSS property to change the border of an element to Android 4280770976 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, 97, 160) }
```

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

```
.border{ border-color:rgb(39, 97, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 97, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 97, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 97, 160);  
box-shadow:4px 4px 4px 4px rgb(39, 97,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4280770976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 97, 160) }
```

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

```
.background{ background-color: rgb(39, 97,  
160) }
```

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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