

Converting Colors

Android(4280971442)

Have a look what the booklet for
Android(4280971442) contains.

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Color

Android(4280971442)

Conversions

Conversions Part 1

Format	Color
Hex	2A70B2
RGB	42, 112, 178
RGB Percent	16%, 44%, 70%
CMY	0.8353, 0.5608, 0.3020
CMYK	0.76, 0.37, 0.00, 0.30
HSL	209°, 62%, 43%
HSV	209°, 76%, 70%
XYZ	14.7849, 15.2949, 44.2924
YIQ	98.5940, -62.9060, 5.6860

Conversions

Conversions Part 2

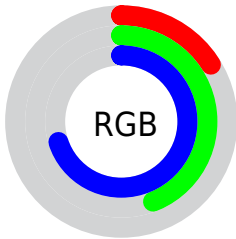
Format	Color
R_{YB}	42, 88, 178
Decimal	2781362
CIE _{Lab}	46.04, 1.51, -41.23
CIE _{LCh}	46, 41.260, 272.096
Yxy	15.2949, 0.1988, 0.2057
Android (android.graphics.Color)	4280971442 (0xFF2A70B2)
YUV	98.5940, 39.1472, -49.6329
Hunter-Lab	39.1087, -0.9591, -39.7725

Details

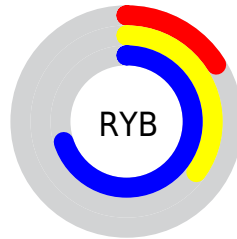
The Android color `4280971442` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289883178`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4285244394`, and `4278206845` is the 20% darker color. If you saturate the color by 10%, you get `4279789490`, and if you desaturate by 10%, it is `4282153394`.

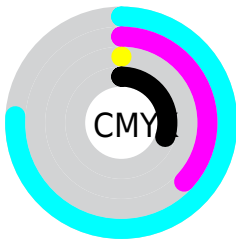
Distribution



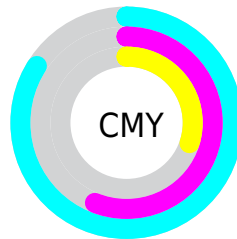
- Red (16%)
- Green (44%)
- Blue (70%)



- Red (16%)
- Yellow (35%)
- Blue (70%)



- Cyan (76%)
- Magenta (37%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280971442 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 4280971442 by changing the saturation by 10% instead.

 4280971442

 4280971442

4294967295

 4278212759

 4285244394

 4278206845

 4287151871

 4278201187

 4289059583

 4278196043

 4290967295

 4278191156


 4292935679

 4278190622

4294901759

 4278190080

 4280971442

 4280971442

 4279789490

 4282153394

■ 4278607794

■ 4283335090

■ 4278213810

■ 4284451506

■ 4285633458

■ 4286815154

■ 4287997106

■ 4289178802

■ 4290295218

■ 4291477170

Harmonies

Analogous

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



4278221226



4280971442



4285686696

Triad

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



4280971442



4289352522



4280908875

Complementary

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



4280971442



4289883178

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.



4284184111



4280971442



4288306992

Square

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



4280971442



4289416812



4286475300



4278222446

Rectangle

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



4280971442



4287584920



4286475300



4282219073

Sweetspot

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



4280971442



4289973992



4280988268



4283721077



4294309365



4285887861

Same Dimension

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



4280971442



4279468264



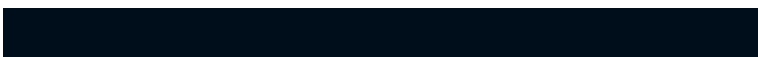
4280954034



4283454809



4278210457



4278193434

Inverse Universe

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



4289866352



4293399424



4289900586



4284043349



4288217167



4279894029

Previews

White Background



This preview shows how the Android color 4280971442 looks on a white background.

Color Contrast Check

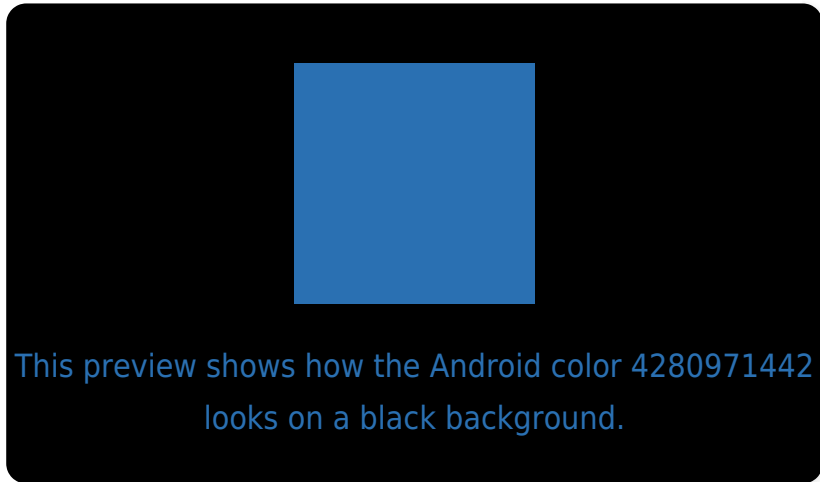
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280971442 Background



This preview shows how black text looks on a background with the Android color 4280971442.



This preview shows how white text looks on a background with the Android color 4280971442.

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



Trichromacy



Original Color
4280971442

Protanomaly
4282674351

Deuteranomaly
4281822899

Tritanomaly
4279203475

Monochromacy



Original Color
4280971442

Achromatopsia
4284703587

Achromatomaly
4283328640

CSS Examples

Text

The CSS property to change the color of the text to Android 4280971442 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(42, 112, 178)` looks like.

```
.text, #text, p{  
    color:rgb(42, 112, 178)  
}
```

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(42, 112, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 112, 178) }
```

Border

The CSS property to change the border of an element to Android 4280971442 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(42, 112, 178) }
```

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

```
.border{ border-color:rgb(42, 112, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 112, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 112, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 112, 178);  
box-shadow:4px 4px 4px 4px rgb(42, 112,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4280971442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 112, 178) }
```

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

```
.background{ background-color: rgb(42, 112,  
178) }
```

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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