

Converting Colors

Android(4280769430)

Have a look what the booklet for
Android(4280769430) contains.

Android(4280769430)	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(4280769430)

Conversions

Conversions Part 1

Format	Color
Hex	275B96
RGB	39, 91, 150
RGB Percent	15%, 36%, 59%
CMY	0.8471, 0.6431, 0.4118
CMYK	0.74, 0.39, 0.00, 0.41
HSL	212°, 59%, 37%
HSV	212°, 74%, 59%
XYZ	10.0828, 10.1155, 30.2752
YIQ	82.1780, -49.9310, 7.3250

Conversions

Conversions Part 2

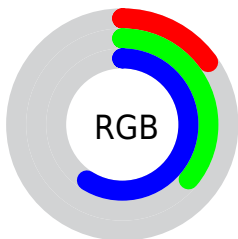
Format	Color
R_YB	39, 74, 150
Decimal	2579350
CIE Lab	38.05, 3.72, -37.35
CIE LCh	38, 37.536, 275.692
Yxy	10.1155, 0.1998, 0.2004
Android (android.graphics.Color)	4280769430 (0xFF275B96)
YUV	82.1780, 33.4362, -37.8671
Hunter-Lab	31.8049, 0.9296, -34.1750

Details

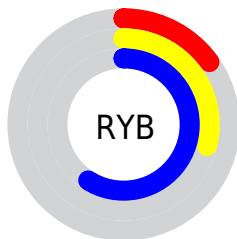
The Android color `4280769430` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288045607`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284714445`, and `4278201955` is the 20% darker color. If you saturate the color by 10%, you get `4279784342`, and if you desaturate by 10%, it is `4281754518`.

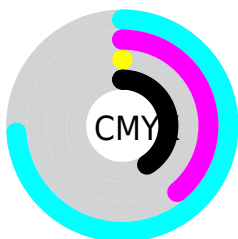
Distribution



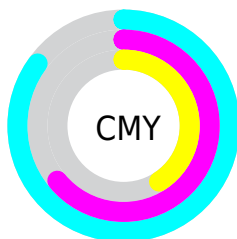
- Red (15%)
- Green (36%)
- Blue (59%)



- Red (15%)
- Yellow (29%)
- Blue (59%)



- Cyan (74%)
- Magenta (39%)
- Yellow (0%)
- Black (41%)



- Cyan (85%)
- Magenta (64%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280769430 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 4280769430 by changing the saturation by 10% instead.

 4280769430

 4280769430

4294967295

 4278207612

 4284714445

 4278201955

 4286556137

 4278196810

 4288398079

 4278191155

 4290305791

 4278190621

 4292213503

 4278190080

 4294115327

 4280769430

 4280769430

 4279784342

 4281754518

■ 4278799254

■ 4282739606

■ 4278208150

■ 4283724694

■ 4284709782

■ 4285694870

■ 4286679958

■ 4287665046

■ 4288650134

■ 4289635222

Harmonies

Analogous

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



4278215569



4280769430



4284698507

Triad

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



4280769430



4287513656



4279396159

Complementary

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



4280769430



4288045607

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.



4282737189



4280769430



4286467873

Square

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



4280769430



4287708757



4284832281



4278216799

Rectangle

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



4280769430



4286203772



4284832281



4280902966

Sweetspot

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



4280769430



4288129986



4280784480



4282930273



4292927712



4284572001

Same Dimension

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



4280769430



4279592642



4280887190



4282598986



4278206858



4278191370

Inverse Universe

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



4288030555



4290909542



4287927847



4283056966



4287234113



4278845445

Previews

White Background



This preview shows how the Android color 4280769430 looks on a white background.

Color Contrast Check

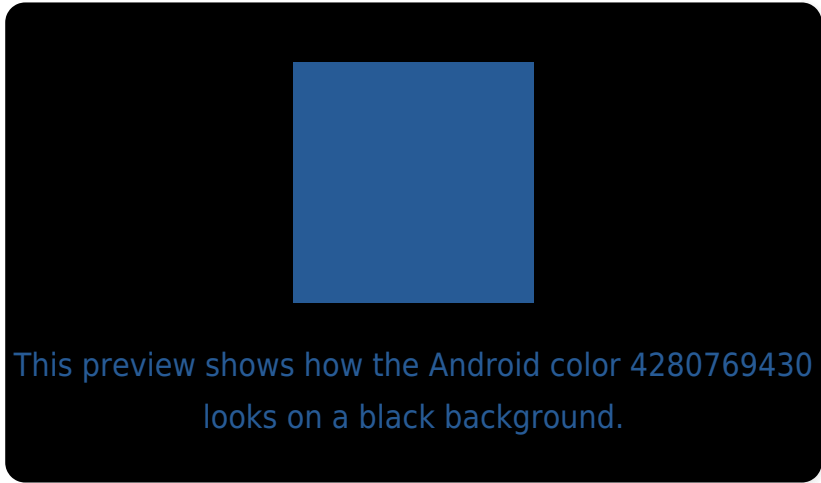
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280769430 Background



This preview shows how black text looks on a background with the Android color 4280769430.



This preview shows how white text looks on a background with the Android color 4280769430.

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

4280769430

Protanopia

4282472339

Deuteranopia

4281293462

Trichromacy



Original Color

4280769430

Protanomaly

4281882772

Deuteranomaly

4281096854

Tritanomaly

4279132283

Monochromacy



Original Color

4280769430

Achromatopsia

4283585106

Achromatomaly

4282537323

CSS Examples

Text

The CSS property to change the color of the text to Android 4280769430 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, 91, 150)` looks like.

```
.text, #text, p{  
    color:rgb(39, 91, 150)  
}
```

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, 91, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 91, 150) }
```

Border

The CSS property to change the border of an element to Android 4280769430 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, 91, 150) }
```

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

```
.border{ border-color:rgb(39, 91, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 91, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 91, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 91, 150);  
box-shadow:4px 4px 4px 4px rgb(39, 91,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4280769430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 91, 150) }
```

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

```
.background{ background-color: rgb(39, 91,  
150) }
```

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