

Converting Colors

Android(4280236430)

Have a look what the booklet for
Android(4280236430) contains.

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Color

Android(4280236430)

Conversions

Conversions Part 1

Format	Color
Hex	1F398E
RGB	31, 57, 142
RGB Percent	12%, 22%, 56%
CMY	0.8784, 0.7765, 0.4431
CMYK	0.78, 0.60, 0.00, 0.44
HSL	226°, 64%, 34%
HSV	226°, 78%, 56%
XYZ	6.9107, 5.1706, 26.2250
YIQ	58.9160, -42.7810, 20.9230

Conversions

Conversions Part 2

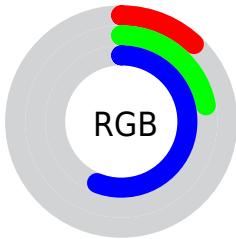
Format	Color
R _Y B	31, 52, 142
Decimal	2046350
CIE Lab	27.22, 22.42, -49.93
CIE LCh	27, 54.729, 294.178
Yxy	5.1706, 0.1804, 0.1350
Android (android.graphics.Color)	4280236430 (0xFF1F398E)
YUV	58.9160, 40.9604, -24.4823
Hunter-Lab	22.7389, 14.4559, -52.4626

Details

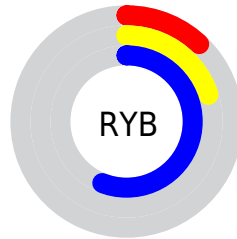
The Android color **4280236430** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4287525919**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4284377285**, and **4278194523** is the 20% darker color. If you saturate the color by 10%, you get **4279316110**, and if you desaturate by 10%, it is **4281156750**.

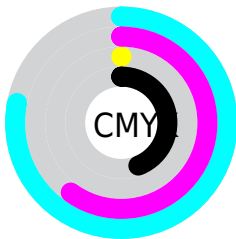
Distribution



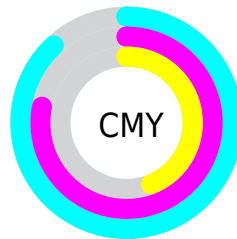
- Red (12%)
- Green (22%)
- Blue (56%)



- Red (12%)
- Yellow (20%)
- Blue (56%)



- Cyan (78%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280236430 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 4280236430 by changing the saturation by 10% instead.

■ 4280236430

■ 4280236430

4294967295

■ 4278199412

■ 4284377285

■ 4278194523

■ 4286218721

■ 4278190147

■ 4288060414

■ 4278190891

■ 4289967615

■ 4278190358

■ 4291875327

■ 4278190080

■ 4293783039

■ 4280236430

■ 4280236430

■ 4279316110

■ 4281156750

■ 4278395790

■ 4282077070

■ 4278198670

■ 4283062926

■ 4283982990

■ 4284903310

■ 4285823630

■ 4286743950

■ 4287729806

■ 4288650126

Harmonies

Analogous

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



4278208661



4280236430



4285079410

Triad

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



4280236430



4285802240



4278210871

Complementary

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



4280236430



4287525919

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.



4278210054



4280236430



4283907072

Square

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



4280236430



4286906913



4281288704



4278211170

Rectangle

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



4280236430



4286448216



4281288704



4278210600

Sweetspot

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



4280236430



4287469496



4280258162



4282533980



4292598747



4284243036

Same Dimension

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



4280236430



4278924216



4282064782



4282401351



4278198407



4278190600

Inverse Universe

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



4287504185



4290251571



4285697567



4282859586



4287037472



4278714370

Previews

White Background



This preview shows how the Android color 4280236430 looks on a white background.

Color Contrast Check

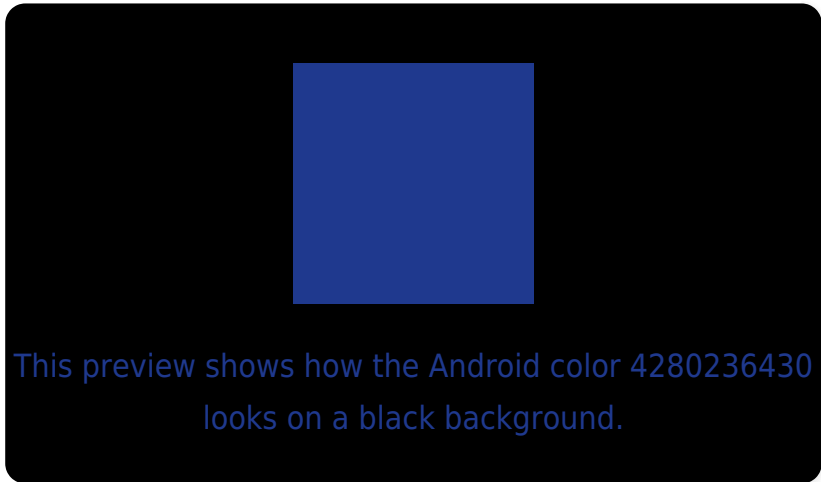
Large Text (above 18pt) WCAG AA ✓ Pass

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

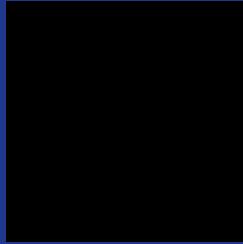
Any Text WCAG AA × Fail

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 4280236430 Background



This preview shows how black text looks on a background with the Android color 4280236430.



This preview shows how white text looks on a background with the Android color 4280236430.

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

4280236430

Protanopia

4278206083

Deuteranopia

4278207089

Trichromacy



Original Color

4280236430

Protanomaly

4278926471

Deuteranomaly

4278927228

Tritanomaly

4278927972

Monochromacy



Original Color

4280236430

Achromatopsia

4282071867

Achromatomaly

4281416281

CSS Examples

Text

The CSS property to change the color of the text to Android 4280236430 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(31, 57, 142)` looks like.

```
.text, #text, p{  
    color:rgb(31, 57, 142)  
}
```

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(31, 57, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 57, 142) }
```

Border

The CSS property to change the border of an element to Android 4280236430 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(31, 57, 142) }
```

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

```
.border{ border-color:rgb(31, 57, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 57, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 57, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 57, 142);  
box-shadow:4px 4px 4px 4px rgb(31, 57,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4280236430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 57, 142) }
```

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

```
.background{ background-color: rgb(31, 57,  
142) }
```

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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