

Converting Colors

Android(4280631230)

Have a look what the booklet for
Android(4280631230) contains.

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Color

Android(4280631230)

Conversions

Conversions Part 1

Format	Color
Hex	253FBE
RGB	37, 63, 190
RGB Percent	15%, 25%, 75%
CMY	0.8549, 0.7529, 0.2549
CMYK	0.81, 0.67, 0.00, 0.25
HSL	230°, 67%, 45%
HSV	230°, 81%, 75%
XYZ	11.8347, 7.6660, 49.5711
YIQ	69.7040, -56.2630, 33.9850

Conversions

Conversions Part 2

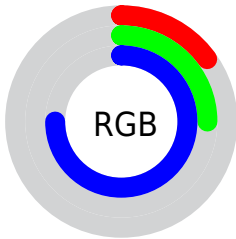
Format	Color
R_{YB}	37, 59, 190
Decimal	2441150
CIE _{Lab}	33.28, 37.27, -68.90
CIE _{LCh}	33, 78.333, 298.413
Yxy	7.6660, 0.1713, 0.1110
Android (android.graphics.Color)	4280631230 (0xFF253FBE)
YUV	69.7040, 59.3059, -28.6814
Hunter-Lab	27.6876, 27.8443, -86.7699

Details

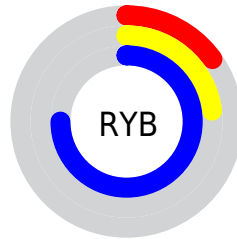
The Android color `4280631230` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4290683941`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4285362167`, and `4278195591` is the 20% darker color. If you saturate the color by 10%, you get `4279381950`, and if you desaturate by 10%, it is `4281880510`.

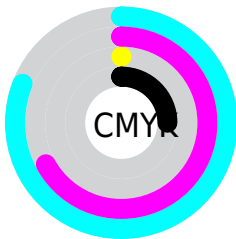
Distribution



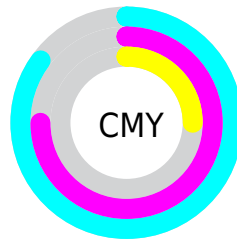
- Red (15%)
- Green (25%)
- Blue (75%)



- Red (15%)
- Yellow (23%)
- Blue (75%)



- Cyan (81%)
- Magenta (67%)
- Yellow (0%)
- Black (25%)



- Cyan (85%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280631230 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 4280631230 by changing the saturation by 10% instead.

 4280631230

 4280631230

4294967295

 4278200738

 4285362167

 4278195591

 4287400191

 4278190189

 4289372927

 4278191444

 4291346175

 4278191676

 4293319167

 4278190629

 4294964991

 4278190349

 4278190080

 4280631230

 4280631230

■ 4279381950

■ 4281880510

■ 4278198462

■ 4283129790

■ 4284378814

■ 4285628094

■ 4286877374

■ 4288126654

■ 4289375678

■ 4290624958

■ 4291874238

Harmonies

Analogous

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



4278213070



4280631230



4287692945

Triad

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



4280631230



4287703808



4278216009

Complementary

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



4280631230



4290683941

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.



4278215168



4280631230



4284697344

Square

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



4280631230



4289593368



4280310528



4278216329

Rectangle

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



4280631230



4289396841



4280310528



4278215731

Sweetspot

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



4280631230



4290561783



4280663714



4284047229



4294769916



4286414205

Same Dimension

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



4280631230



4278661367



4283770302



4283783006



4278197150



4278191391

Inverse Universe

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



4290651455



4294379312



4287544869



4284372311



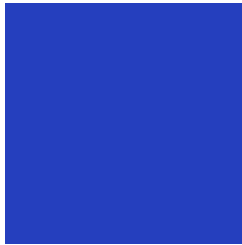
4288544795



4280221701

Previews

White Background



This preview shows how the Android color 4280631230 looks on a white background.

Color Contrast Check

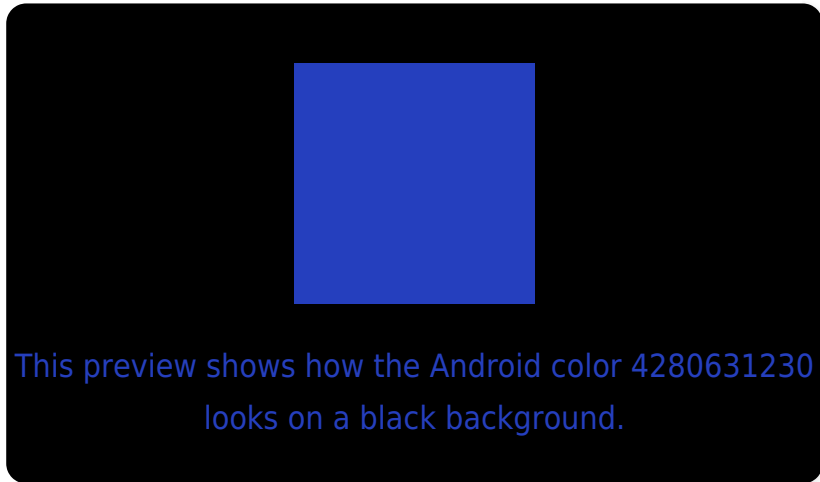
Large Text (above 18pt) WCAG AA ✓ Pass

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

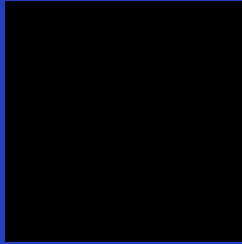
Any Text WCAG AA × Fail

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 4280631230 Background



This preview shows how black text looks on a background with the Android color 4280631230.



This preview shows how white text looks on a background with the Android color 4280631230.

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

4280631230

Protanopia

4278209439

Deuteranopia

4278210696

Trichromacy



Original Color
4280631230

Protanomaly
4279060394

Deuteranomaly
4279061148

Tritanomaly
4279062144

Monochromacy



Original Color
4280631230

Achromatopsia
4282795590

Achromatomaly
4282008434

CSS Examples

Text

The CSS property to change the color of the text to Android 4280631230 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(37, 63, 190)` looks like.

```
.text, #text, p{  
    color:rgb(37, 63, 190)  
}
```

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(37, 63, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 63, 190) }
```

Border

The CSS property to change the border of an element to Android 4280631230 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(37, 63, 190) }
```

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

```
.border{ border-color:rgb(37, 63, 190) }
```

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

Here you see how a box with a 4 pixel rgb(37, 63, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 63, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 63, 190);  
box-shadow:4px 4px 4px 4px rgb(37, 63,  
190) }
```

Background

The CSS property to change the background color of an element to Android 4280631230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 63, 190) }
```

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

```
.background{ background-color: rgb(37, 63,  
190) }
```

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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