

Converting Colors

Android(4280361400)

Have a look what the booklet for
Android(4280361400) contains.

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Color

Android(4280361400)

Conversions

Conversions Part 1

Format	Color
Hex	2121B8
RGB	33, 33, 184
RGB Percent	13%, 13%, 72%
CMY	0.8706, 0.8706, 0.2784
CMYK	0.82, 0.82, 0.00, 0.28
HSL	240°, 70%, 43%
HSV	240°, 82%, 72%
XYZ	9.8228, 4.8717, 45.7700
YIQ	50.2140, -48.4710, 46.9610

Conversions

Conversions Part 2

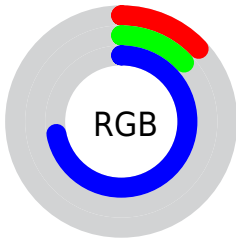
Format	Color
RYB	33, 33, 184
Decimal	2171320
CIELab	26.37, 52.03, -76.78
CIELCh	26, 92.743, 304.124
Yxy	4.8717, 0.1625, 0.0806
Android (android.graphics.Color)	4280361400 (0xFF2121B8)
YUV	50.2140, 65.9565, -15.0967
Hunter-Lab	22.0720, 40.8125, -107.4973

Details

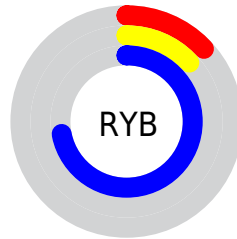
The Android color **4280361400** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **4290295841**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4285289201**, and **4278190209** is the 20% darker color. If you saturate the color by 10%, you get **4279177144**, and if you desaturate by 10%, it is **4281545656**.

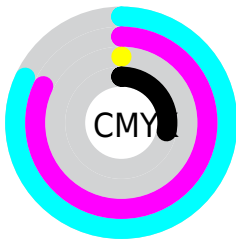
Distribution



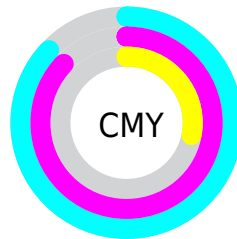
- Red (13%)
- Green (13%)
- Blue (72%)



- Red (13%)
- Yellow (13%)
- Blue (72%)



- Cyan (82%)
- Magenta (82%)
- Yellow (0%)
- Black (28%)



- Cyan (87%)
- Magenta (87%)
- Yellow (28%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280361400 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 4280361400 by changing the saturation by 10% instead.

 4280361400

 4280361400

4294967295

 4278192028

 4285289201

 4278190209

 4287327231

 4278190183

 4289365503

 4278192718

 4291338495

 4278191414

 4293377023

 4278190624

 4294957055

 4278190084

 4294964479

 4278190080

 4280361400

 4280361400

■ 4279177144

■ 4281545656

■ 4278190264

■ 4282795704

■ 4283979960

■ 4285230008

■ 4286414264

■ 4287598520

■ 4288848568

■ 4290032824

■ 4291282872

Harmonies

Analogous

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



4278208978



4280361400



4287823998

Triad

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



4280361400



4286257408



4278211655

Complementary

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



4280361400



4290295841

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.



4278211072



4280361400



4282728448

Square

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



4280361400



4288741376



4278209792



4278212238

Rectangle

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



4280361400



4289265744



4278209792



4278211630

Sweetspot

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



4280361400



4290032880



4280400056



4283716728



4294440951



4286085240

Same Dimension

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



4280361400



4278519280



4285342136



4283650908



4278190236



4278190108

Inverse Universe

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



4290257336



4293920240



4285380641



4284240732



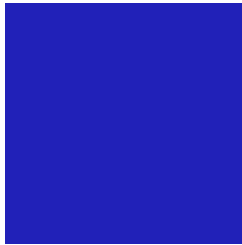
4288413852



4280025116

Previews

White Background



This preview shows how the Android color 4280361400 looks on a white background.

Color Contrast Check

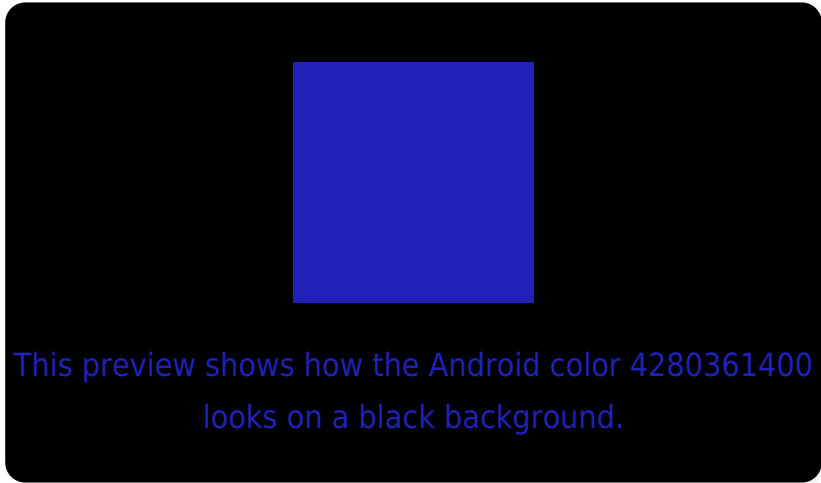
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280361400 Background



This preview shows how black text looks on a background with the Android color 4280361400.



This preview shows how white text looks on a background with the Android color 4280361400.

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

4280361400

Protanopia

4278205567

Deuteranopia

4278206828

Trichromacy



Original Color

4280361400

Protanomaly

4278989460

Deuteranomaly

4278990216

Tritanomaly

4278991217

Monochromacy



Original Color

4280361400

Achromatopsia

4281479730

Achromatomaly

4281085027

CSS Examples

Text

The CSS property to change the color of the text to Android 4280361400 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(33, 33, 184)` looks like.

```
.text, #text, p{  
    color:rgb(33, 33, 184)  
}
```

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(33, 33, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 33, 184) }
```

Border

The CSS property to change the border of an element to Android 4280361400 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(33, 33, 184) }
```

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

```
.border{ border-color:rgb(33, 33, 184) }
```

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

Here you see how a box with a 4 pixel rgb(33, 33, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 33, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 33, 184);  
box-shadow:4px 4px 4px 4px rgb(33, 33,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4280361400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 33, 184) }
```

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

```
.background{ background-color: rgb(33, 33,  
184) }
```

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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