

Converting Colors

Android(4280298452)

Have a look what the booklet for
Android(4280298452) contains.

Android(4280298452)	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(4280298452)

Conversions

Conversions Part 1

Format	Color
Hex	202BD4
RGB	32, 43, 212
RGB Percent	13%, 17%, 83%
CMY	0.8745, 0.8314, 0.1686
CMYK	0.85, 0.80, 0.00, 0.17
HSL	236°, 74%, 48%
HSV	236°, 85%, 83%
XYZ	13.3432, 6.7883, 62.8944
YIQ	58.9770, -60.8050, 50.2270

Conversions

Conversions Part 2

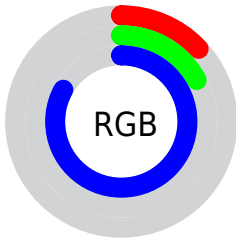
Format	Color
R _Y B	32, 42, 212
Decimal	2108372
CIE Lab	31.32, 55.90, -84.98
CIE LCh	31, 101.714, 303.336
Yxy	6.7883, 0.1607, 0.0818
Android (android.graphics.Color)	4280298452 (0xFF202BD4)
YUV	58.9770, 75.4403, -23.6588
Hunter-Lab	26.0544, 45.8200, -124.8861




Details

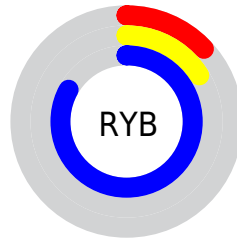
The Android color `4280298452` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4292135200`, and the grayscale version is `4282006074`.




A 20% lighter version of the original color is `4285684991`, and `4278190236` is the 20% darker color. If you saturate the color by 10%, you get `4278917076`, and if you desaturate by 10%, it is `4281679828`.

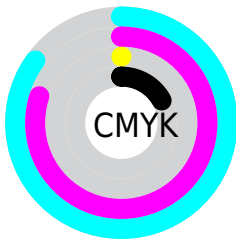
Distribution







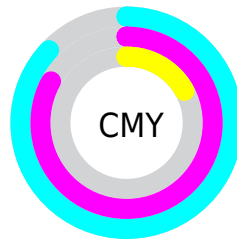
-  Red (13%)
-  Green (17%)
-  Blue (83%)






-  Red (13%)
-  Yellow (16%)
-  Blue (83%)



-  Cyan (85%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (17%)



-  Cyan (87%)
-  Magenta (83%)
-  Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280298452 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 4280298452 by changing the saturation by 10% instead.

 4280298452

 4280298452

4294967295

 4278194872

 4285684991

 4278190236

 4287854335

 4278190209

 4289958143

 4278190950

 4291996671

 4278192717

 4294035455

 4278191413

 4294960127

 4278190623

 4278190083

 4278190080

■ 4280298452

■ 4280298452

■ 4278917076

■ 4281679828

■ 4278193620

■ 4283061204

■ 4284508116

■ 4285889492

■ 4287270868

■ 4288651988

■ 4290033364

■ 4291480276

■ 4292861652

Harmonies

Analogous

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



4278212336



4280298452



4289134739

Triad

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



4280298452



4287634944



4278215249

Complementary

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



4280298452



4292135200

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.



4278214656



4280298452



4283648768

Square

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



4280298452



4290379776



4278213120



4278216098

Rectangle

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



4280298452



4290904159



4278213120



4278215221

Sweetspot

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



4280298452



4290757631



4280341704



4284046464



4278190080



4286611584

Same Dimension

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



4280298452



4278194431



4285407444



4284506475



4278192811



4278190891

Inverse Universe

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



4292091947



4294901776



4287026208



4285227105



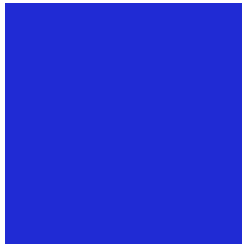
4289396746



4281008131

Previews

White Background



This preview shows how the Android color 4280298452 looks on a white background.

Color Contrast Check

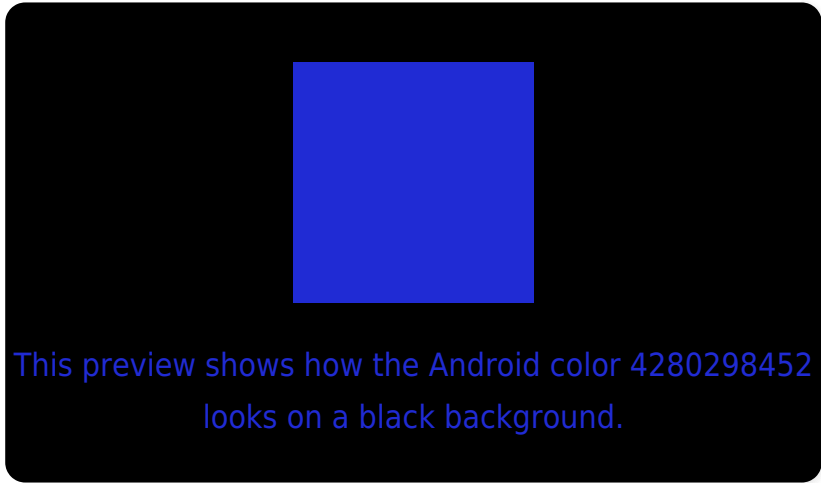
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280298452 Background



This preview shows how black text looks on a background with the Android color 4280298452.



This preview shows how white text looks on a background with the Android color 4280298452.

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

4280298452

Protanopia

4278208405

Deuteranopia

4278209662

Trichromacy



Original Color

4280298452

Protanomaly

4278992300

Deuteranomaly

4278993053

Tritanomaly

4278993796

Monochromacy



Original Color

4280298452

Achromatopsia

4282071867

Achromatomaly

4281415027

CSS Examples

Text

The CSS property to change the color of the text to Android 4280298452 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(32, 43, 212)` looks like.

```
.text, #text, p{  
    color:rgb(32, 43, 212)  
}
```

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(32, 43, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 43, 212) }
```

Border

The CSS property to change the border of an element to Android 4280298452 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(32, 43, 212) }
```

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

```
.border{ border-color:rgb(32, 43, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 43, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 43, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 43, 212);  
box-shadow:4px 4px 4px 4px rgb(32, 43,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4280298452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 43, 212) }
```

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

```
.background{ background-color: rgb(32, 43,  
212) }
```

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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