

Converting Colors

Android(4280493000)

Have a look what the booklet for
Android(4280493000) contains.

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Color

Android(4280493000)

Conversions

Conversions Part 1

Format	Color
Hex	2323C8
RGB	35, 35, 200
RGB Percent	14%, 14%, 78%
CMY	0.8627, 0.8627, 0.2157
CMYK	0.83, 0.83, 0.00, 0.22
HSL	240°, 70%, 46%
HSV	240°, 82%, 78%
XYZ	11.7195, 5.7295, 55.1318
YIQ	53.8100, -52.9650, 51.3150

Conversions

Conversions Part 2

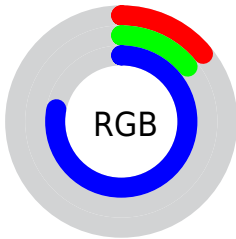
Format	Color
R_{YB}	35, 35, 200
Decimal	2302920
CIE _{Lab}	28.72, 56.11, -82.31
CIE _{LCh}	29, 99.610, 304.282
Yxy	5.7295, 0.1615, 0.0789
Android (android.graphics.Color)	4280493000 (0xFF2323C8)
YUV	53.8100, 72.0717, -16.4964
Hunter-Lab	23.9364, 45.5066, -119.8048

Details

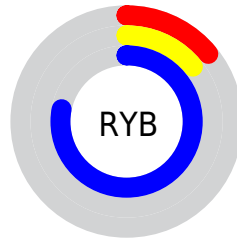
The Android color `4280493000` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4291348515`, and the grayscale version is `4281677109`.

A 20% lighter version of the original color is `4285617663`, and `4278190224` is the 20% darker color. If you saturate the color by 10%, you get `4279177160`, and if you desaturate by 10%, it is `4281808840`.

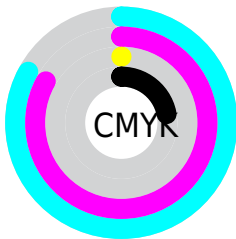
Distribution



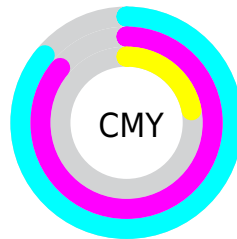
- Red (14%)
- Green (14%)
- Blue (78%)



- Red (14%)
- Yellow (14%)
- Blue (78%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (86%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280493000 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 4280493000 by changing the saturation by 10% instead.

 4280493000

 4280493000

4294967295

 4278192300

 4285617663


 4278190224

 4287721215

 4278190198

 4289759487

 4278192220

 4291798015

 4278191939

 4293836799

 4278190892

 4294958079

 4278190358

 4294965503

 4278190080

 4280493000

 4280493000

■ 4279177160

■ 4281808840

■ 4278190280

■ 4283124680

■ 4284440520

■ 4285756360

■ 4287072200

■ 4288388040

■ 4289703880

■ 4291019720

■ 4292335560

Harmonies

Analogous

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



4278210789



4280493000



4288675977

Triad

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



4280493000



4286913280



4278213454

Complementary

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



4280493000



4291348515

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.



4278212864



4280493000



4283057664

Square

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



4280493000



4289593344



4278211584



4278214299

Rectangle

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



4280493000



4290248790



4278211584



4278213170

Sweetspot

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



4280493000



4290756607



4280535240



4284045696



4278190080



4286611584

Same Dimension

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



4280493000



4278387711



4285932488



4284111459



4278190243



4278190116

Inverse Universe

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



4291306440



4294902783



4285974563



4284701283



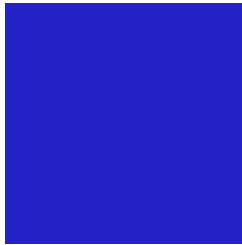
4288872611



4280549412

Previews

White Background



This preview shows how the Android color 4280493000 looks on a white background.

Color Contrast Check

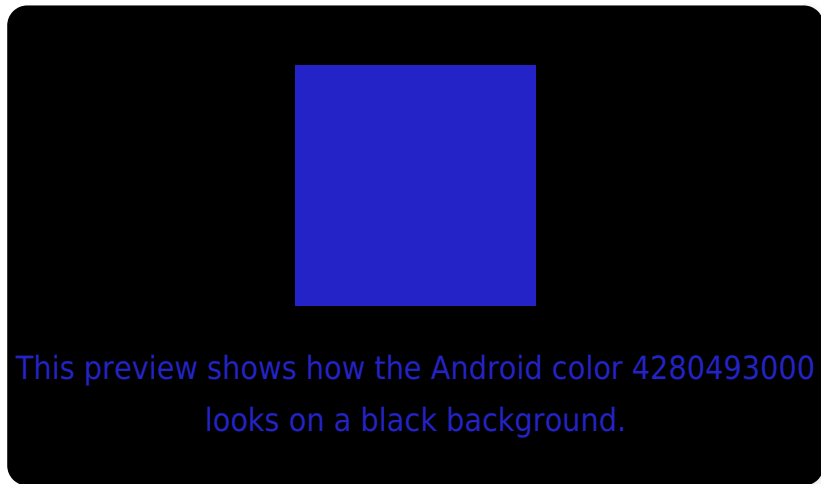
Large Text (above 18pt) WCAG AA ✓ Pass

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

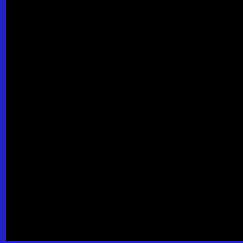
Any Text WCAG AA × Fail

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 4280493000 Background



This preview shows how black text looks on a background with the Android color 4280493000.



This preview shows how white text looks on a background with the Android color 4280493000.

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

4280493000

Protanopia

4278206857

Deuteranopia

4278208116

Trichromacy



Original Color
4280493000

Protanomaly
4279056032

Deuteranomaly
4279056787

Tritanomaly
4279057531

Monochromacy



Original Color
4280493000

Achromatopsia
4281742902

Achromatomaly
4281282411

CSS Examples

Text

The CSS property to change the color of the text to Android 4280493000 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(35, 35, 200)` looks like.

```
.text, #text, p{  
    color:rgb(35, 35, 200)  
}
```

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(35, 35, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 35, 200) }
```

Border

The CSS property to change the border of an element to Android 4280493000 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(35, 35, 200) }
```

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

```
.border{ border-color:rgb(35, 35, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 35, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 35, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 35, 200);  
box-shadow:4px 4px 4px 4px rgb(35, 35,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4280493000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 35, 200) }
```

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

```
.background{ background-color: rgb(35, 35,  
200) }
```

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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