

Converting Colors

Android(4280423666)

Have a look what the booklet for
Android(4280423666) contains.

Android(4280423666)	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(4280423666)

Conversions

Conversions Part 1

Format	Color
Hex	2214F2
RGB	34, 20, 242
RGB Percent	13%, 8%, 95%
CMY	0.8667, 0.9216, 0.0510
CMYK	0.86, 0.92, 0.00, 0.05
HSL	244°, 90%, 51%
HSV	244°, 92%, 95%
XYZ	16.9369, 7.2512, 84.5114
YIQ	49.4940, -62.9180, 72.0100

Conversions

Conversions Part 2

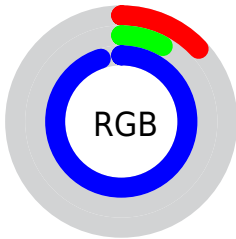
Format	Color
RYB	34, 20, 242
Decimal	2233586
CIELab	32.37, 72.86, -100.40
CIELCh	32, 124.054, 305.969
Yxy	7.2512, 0.1558, 0.0667
Android (android.graphics.Color)	4280423666 (0xFF2214F2)
YUV	49.4940, 94.9055, -13.5882
Hunter-Lab	26.9280, 65.1465, -167.2269

Details

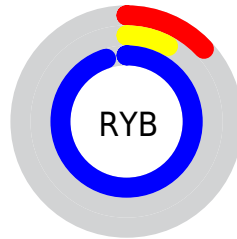
The Android color `4280423666` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark washed blue. A complement of this color would be `4293194260`, and the grayscale version is `4281413937`.

A 20% lighter version of the original color is `4286336767`, and `4278190264` is the 20% darker color. If you saturate the color by 10%, you get `4279173362`, and if you desaturate by 10%, it is `4281937138`.

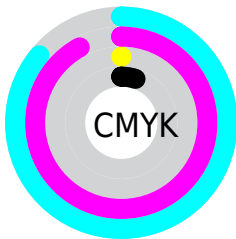
Distribution



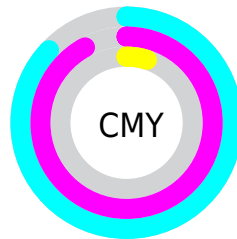
- Red (13%)
- Green (8%)
- Blue (95%)



- Red (13%)
- Yellow (8%)
- Blue (95%)



- Cyan (86%)
- Magenta (92%)
- Yellow (0%)
- Black (5%)





















- Cyan (87%)
- Magenta (92%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280423666 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 4280423666 by changing the saturation by 10% instead.

 4280423666	 4280423666
4294967295	 4278190293
 4286336767	 4278190264
 4288637439	 4278190236
 4290807039	 4278190209
 4292976895	 4278194278
 4294950143	 4278192717
 4294957567	 4278191413
 4294964991	 4278190623
	 4278190083

■ 4280423666

■ 4280423666

■ 4279173362

■ 4281937138

■ 4283385074

■ 4284898802

■ 4286412274

■ 4287860210

■ 4289373682

■ 4290887154

■ 4292335346

■ 4293848818

Harmonies

Analogous

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



4278213887



4280423666



4290969759

Triad

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



4280423666



4288222720



4278216799

Complementary

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



4280423666



4293194260

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.



4278215936



4280423666



4283191296

Square

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



4280423666



4291690496



4278214656



4278217665

Rectangle

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



4280423666



4292804703



4278214656



4278216508

Sweetspot

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



4280423666



4290558207



4279560178



4283913344



4278190080



4286611584

Same Dimension

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



4280423666



4279238911



4287501554



4285361272



4278976696



4278452280

Inverse Universe

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



4294055140



4294901999



4286116372



4286082167



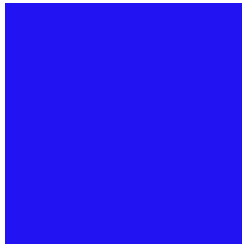
4290248876



4281860149

Previews

White Background



This preview shows how the Android color 4280423666 looks on a white background.

Color Contrast Check

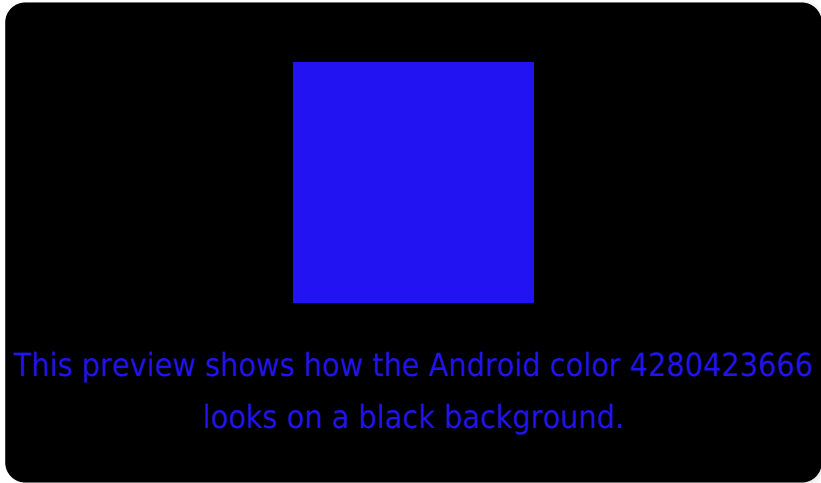
Large Text (above 18pt) WCAG AA ✓ Pass

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

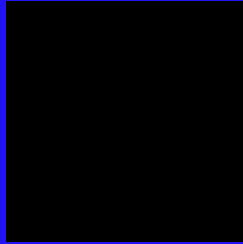
Any Text WCAG AA × Fail

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 4280423666 Background



This preview shows how black text looks on a background with the Android color 4280423666.



This preview shows how white text looks on a background with the Android color 4280423666.

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
4280423666

Protanopia
4278208922

Deuteranopia
4278210178

Trichromacy



Original Color
4280423666

Protanomaly
4278990522

Deuteranomaly
4278991275

Tritanomaly
4278992272

Monochromacy



Original Color
4280423666

Achromatopsia
4281413937

Achromatomaly
4281083511

CSS Examples

Text

The CSS property to change the color of the text to Android 4280423666 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(34, 20, 242)` looks like.

```
.text, #text, p{  
    color:rgb(34, 20, 242)  
}
```

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(34, 20, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 20, 242) }
```

Border

The CSS property to change the border of an element to Android 4280423666 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(34, 20, 242) }
```

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

```
.border{ border-color:rgb(34, 20, 242) }
```

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

Here you see how a box with a 4 pixel rgb(34, 20, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 20, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 20, 242);  
box-shadow:4px 4px 4px 4px rgb(34, 20,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4280423666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 20, 242) }
```

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

```
.background{ background-color: rgb(34, 20,  
242) }
```

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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