

Converting Colors

Android(4280423620)

Have a look what the booklet for
Android(4280423620) contains.

Android(4280423620)	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(4280423620)

Conversions

Conversions Part 1

Format	Color
Hex	2214C4
RGB	34, 20, 196
RGB Percent	13%, 8%, 77%
CMY	0.8667, 0.9216, 0.2314
CMYK	0.83, 0.90, 0.00, 0.23
HSL	245°, 81%, 42%
HSV	245°, 90%, 77%
XYZ	10.8736, 4.8259, 52.5829
YIQ	44.2500, -48.1520, 57.7040

Conversions

Conversions Part 2

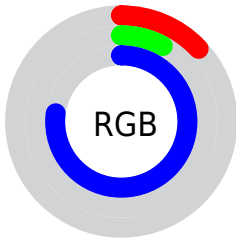
Format	Color
RYB	34, 20, 196
Decimal	2233540
CIELab	26.23, 60.69, -84.10
CIELCh	26, 103.708, 305.815
Yxy	4.8259, 0.1592, 0.0707
Android (android.graphics.Color)	4280423620 (0xFF2214C4)
YUV	44.2500, 74.8127, -8.9893
Hunter-Lab	21.9680, 49.9095, -126.5401

Details

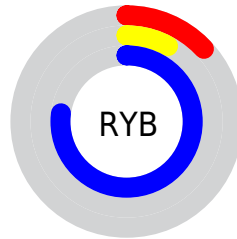
The Android color `4280423620` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4290167828`, and the grayscale version is `4281084972`.

A 20% lighter version of the original color is `4285614590`, and `4278190220` is the 20% darker color. If you saturate the color by 10%, you get `4279238852`, and if you desaturate by 10%, it is `4281608388`.

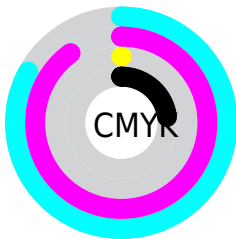
Distribution



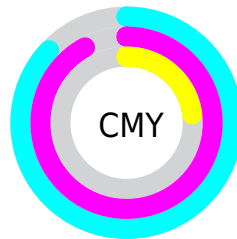
- Red (13%)
- Green (8%)
- Blue (77%)



- Red (13%)
- Yellow (8%)
- Blue (77%)



- Cyan (83%)
- Magenta (90%)
- Yellow (0%)
- Black (23%)



- Cyan (87%)
- Magenta (92%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280423620 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 4280423620 by changing the saturation by 10% instead.

 4280423620

 4280423620

4294967295

 4278190248

 4285614590


 4278190220

 4287718399

 4278190194

 4289756671

 4278193240

 4291795199

 4278191936

 4293833983

 4278190889

 4294955263

 4278190355

 4294962687

 4278190080

 4280423620

 4280423620

■ 4279238852

■ 4281608388

■ 4282792900

■ 4283977668

■ 4285162180

■ 4286346948

■ 4287531716

■ 4288716228

■ 4289900996

■ 4291085508

Harmonies

Analogous

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



4278209252



4280423620



4288544897

Triad

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



4280423620



4286387200



4278211917

Complementary

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



4280423620



4290167828

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.



4278211328



4280423620



4282335488

Square

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



4280423620



4289200128



4278210304



4278212764

Rectangle

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



4280423620



4290052173



4278210304



4278211889

Sweetspot

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



4280423620



4290820863



4279548100



4284110720



4278190080



4286611584

Same Dimension

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



4280423620



4279501055



4286059716



4283979617



4279042209



4278386721

Inverse Universe

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



4291040438



4294901995



4284531732



4284569440



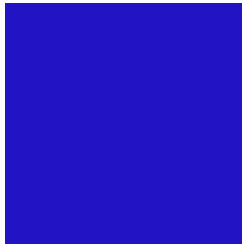
4288741524



4280352799

Previews

White Background



This preview shows how the Android color 4280423620 looks on a white background.

Color Contrast Check

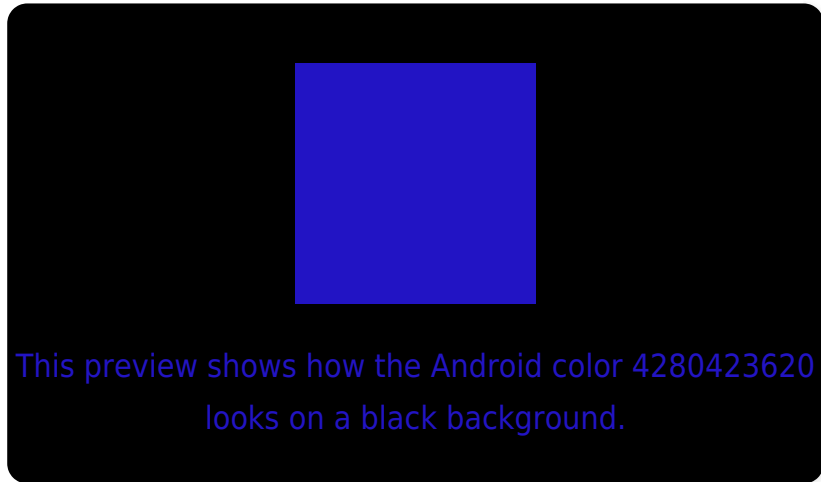
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280423620 Background



This preview shows how black text looks on a background with the Android color 4280423620.



This preview shows how white text looks on a background with the Android color 4280423620.

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

4280423620

Protanopia

4278205823

Deuteranopia

4278206828

Trichromacy



Original Color

4280423620

Protanomaly

4278988440

Deuteranomaly

4278989196

Tritanomaly

4278989942

Monochromacy



Original Color

4280423620

Achromatopsia

4281084972

Achromatomaly

4280820579

CSS Examples

Text

The CSS property to change the color of the text to Android 4280423620 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(34, 20, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 20, 196) }
```

Border

The CSS property to change the border of an element to Android 4280423620 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, 196) }
```

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

```
.border{ border-color:rgb(34, 20, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 20, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 20, 196);  
box-shadow:4px 4px 4px 4px rgb(34, 20,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4280423620 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, 196) }
```

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

```
.background{ background-color: rgb(34, 20,  
196) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor