

Converting Colors

Android(4280896214)

Have a look what the booklet for
Android(4280896214) contains.

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Color

Android(4280896214)

Conversions

Conversions Part 1

Format	Color
Hex	294AD6
RGB	41, 74, 214
RGB Percent	16%, 29%, 84%
CMY	0.8392, 0.7098, 0.1608
CMYK	0.81, 0.65, 0.00, 0.16
HSL	229°, 68%, 50%
HSV	229°, 81%, 84%
XYZ	15.5008, 10.2240, 64.7748
YIQ	80.0930, -64.6080, 36.5440

Conversions

Conversions Part 2

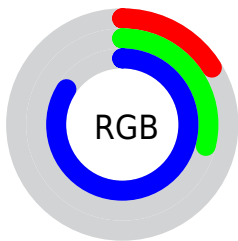
Format	Color
R_{YB}	41, 69, 214
Decimal	2706134
CIE _{Lab}	38.24, 39.38, -74.69
CIE _{LCh}	38, 84.432, 297.799
Yxy	10.2240, 0.1713, 0.1130
Android (android.graphics.Color)	4280896214 (0xFF294AD6)
YUV	80.0930, 66.0162, -34.2846
Hunter-Lab	31.9750, 30.5769, -97.7268

Details

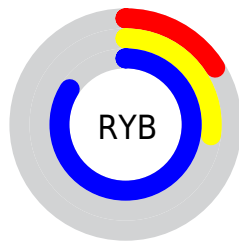
The Android color `4280896214` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4292261161`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4285823999`, and `4278198174` is the 20% darker color. If you saturate the color by 10%, you get `4279515606`, and if you desaturate by 10%, it is `4282276822`.

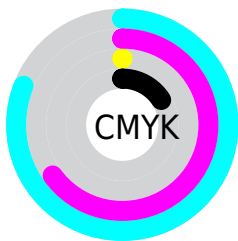
Distribution



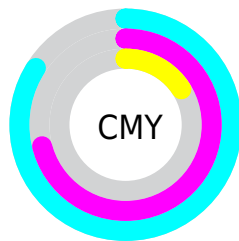
- Red (16%)
- Green (29%)
- Blue (84%)



- Red (16%)
- Yellow (27%)
- Blue (84%)



- Cyan (81%)
- Magenta (65%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (71%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280896214 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 4280896214 by changing the saturation by 10% instead.

 4280896214

 4280896214

4294967295

 4278203578

 4285823999

 4278198174

 4287927551

 4278193539

 4289966079

 4278190185

 4292004863

 4278192720

 4294043647

 4278191416

 4278190625

 4278190087

 4278190080

■ 4280896214

■ 4280896214

■ 4279515606

■ 4282276822

■ 4278200790

■ 4283723222

■ 4285103830

■ 4286549974

■ 4287930838

■ 4289311446

■ 4290757590

■ 4292138454

■ 4293584598

Harmonies

Analogous

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



4278216422



4280896214



4288807076

Triad

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



4280896214



4289016320



4278219603

Complementary

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



4280896214



4292261161

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.



4278218752



4280896214



4285748736

Square

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



4280896214



4291100704



4281034752



4278219929

Rectangle

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



4280896214



4290773113



4281034752



4278219322

Sweetspot

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



4280896214



4290956799



4280932019



4284179072



4278190080



4286611584

Same Dimension

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



4280896214



4278728703



4284295638



4284506731



4278198699



4278192171

Inverse Universe

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



4292225354



4294903863



4288861737



4285227106



4289396769



4281008136

Previews

White Background



This preview shows how the Android color 4280896214 looks on a white background.

Color Contrast Check

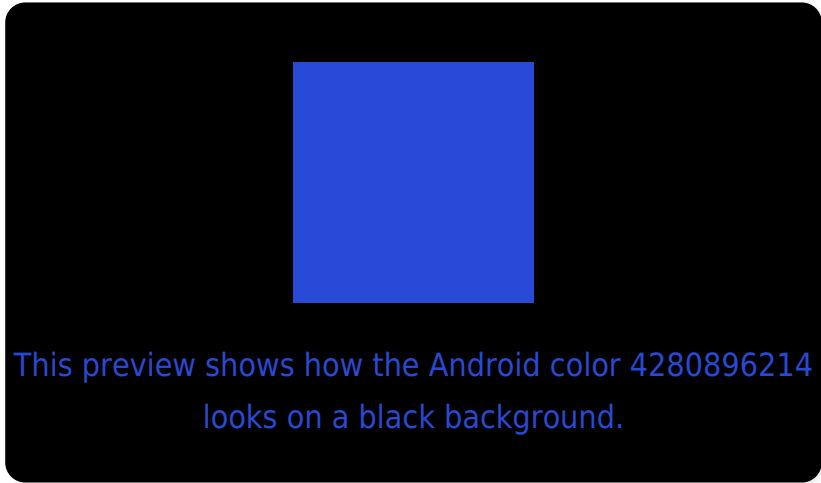
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280896214 Background



This preview shows how black text looks on a background with the Android color 4280896214.



This preview shows how white text looks on a background with the Android color 4280896214.

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
4280896214

Protanopia
4278212278

Deuteranopia
4278213788

Trichromacy



Original Color
4280896214

Protanomaly
4279194306

Deuteranomaly
4279195057

Tritanomaly
4279196305

Monochromacy



Original Color
4280896214

Achromatopsia
4283453520

Achromatomaly
4282535553

CSS Examples

Text

The CSS property to change the color of the text to Android 4280896214 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(41, 74, 214)` looks like.

```
.text, #text, p{  
    color:rgb(41, 74, 214)  
}
```

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(41, 74, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 74, 214) }
```

Border

The CSS property to change the border of an element to Android 4280896214 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(41, 74, 214) }
```

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

```
.border{ border-color:rgb(41, 74, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 74, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 74, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 74, 214);  
box-shadow:4px 4px 4px 4px rgb(41, 74,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4280896214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 74, 214) }
```

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

```
.background{ background-color: rgb(41, 74,  
214) }
```

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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