

Converting Colors

Android(4280113401)

Have a look what the booklet for
Android(4280113401) contains.

Android(4280113401)	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>	28

Color

Android(4280113401)

Conversions

Conversions Part 1

Format	Color
Hex	1D58F9
RGB	29, 88, 249
RGB Percent	11%, 35%, 98%
CMY	0.8863, 0.6549, 0.0235
CMYK	0.88, 0.65, 0.00, 0.02
HSL	224°, 95%, 55%
HSV	224°, 88%, 98%
XYZ	21.0953, 14.0802, 91.2284
YIQ	88.7130, -86.8450, 37.5630

Conversions

Conversions Part 2

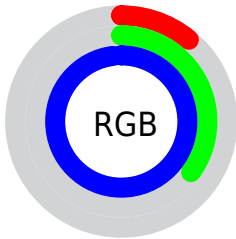
Format	Color
R _Y B	29, 76, 249
Decimal	1923321
CIE Lab	44.35, 42.61, -84.50
CIE LCh	44, 94.634, 296.759
Yxy	14.0802, 0.1669, 0.1114
Android (android.graphics.Color)	4280113401 (0xFF1D58F9)
YUV	88.7130, 79.0215, -52.3683
Hunter-Lab	37.5236, 34.6841, -117.8810

Details

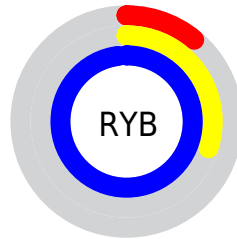
The Android color `4280113401` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4294557213`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4286024447`, and `4278201535` is the 20% darker color. If you saturate the color by 10%, you get `4278470393`, and if you desaturate by 10%, it is `4281756409`.

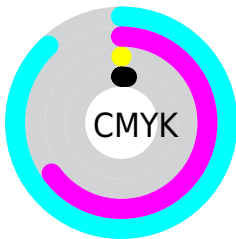
Distribution



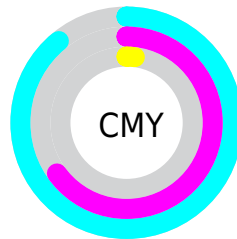
- Red (11%)
- Green (35%)
- Blue (98%)



- Red (11%)
- Yellow (30%)
- Blue (98%)



- Cyan (88%)
- Magenta (65%)
- Yellow (0%)
- Black (2%)



- Cyan (89%)
- Magenta (65%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280113401 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 4280113401 by changing the saturation by 10% instead.

 4280113401

 4280113401

4294967295

 4278206940

 4286024447

 4278201535

 4288259327

 4278196643

 4290428927

 4278192264

 4292533247

 4278191726

 4294637567

 4278192980

 4278191676

 4278190629

 4278190350

■ 4280113401

■ 4280113401

■ 4278470393

■ 4281756409

■ 4278207481

■ 4283399417

■ 4285042681

■ 4286685689

■ 4288263161

■ 4289906169

■ 4291549433

■ 4293192441

■ 4294835449

Harmonies

Analogous

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



4278221055



4280113401



4290379969

Triad

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



4280113401



4290853120



4278224222

Complementary

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



4280113401



4294557213

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.



4278223104



4280113401



4287128576

Square

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



4280113401



4293132329



4281759744



4278224815

Rectangle

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



4280113401



4292673679



4281759744



4278223938

Sweetspot

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



4280113401



4290432511



4280154555



4283916928



4278190080



4286611584

Same Dimension

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



4280113401



4278207743



4283244025



4285559933



4278203325



4278194237

Inverse Universe

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



4294516056



4294901828



4291426589



4286410868



4290576435



4282187792

Previews

White Background



This preview shows how the Android color 4280113401 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



This preview shows how the Android color 4280113401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

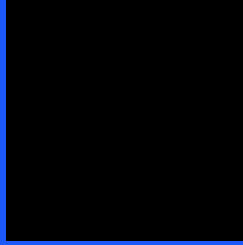
Any Text WCAG AA × Fail

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 4280113401 Background



This preview shows how black text looks on a background with the Android color 4280113401.

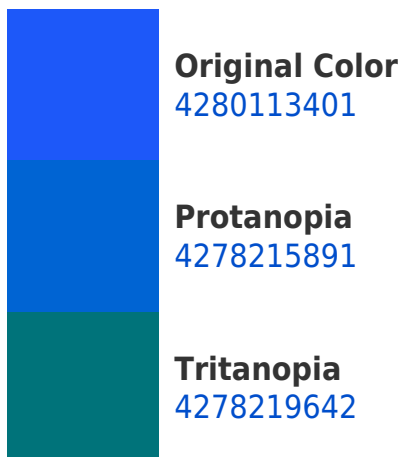


This preview shows how white text looks on a background with the Android color 4280113401.

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



Trichromacy



Original Color
4280113401

Protanomaly
4278935777

Tritanomaly
4278938024

Monochromacy



Original Color
4280113401

Achromatopsia
4284045657

Achromatomaly
4282603923

CSS Examples

Text

The CSS property to change the color of the text to Android 4280113401 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(29, 88, 249)` looks like.

```
.text, #text, p{  
    color:rgb(29, 88, 249)  
}
```

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(29, 88, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 88, 249) }
```

Border

The CSS property to change the border of an element to Android 4280113401 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(29, 88, 249) }
```

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

```
.border{ border-color:rgb(29, 88, 249) }
```

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

Here you see how a box with a 4 pixel rgb(29, 88, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 88, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 88, 249);  
box-shadow:4px 4px 4px 4px rgb(29, 88,  
249) }
```

Background

The CSS property to change the background color of an element to Android 4280113401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 88, 249) }
```

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

```
.background{ background-color: rgb(29, 88,  
249) }
```

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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