

Converting Colors

Android(4280116222)

Have a look what the booklet for
Android(4280116222) contains.

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Color

Android(4280116222)

Conversions

Conversions Part 1

Format	Color
Hex	1D63FE
RGB	29, 99, 254
RGB Percent	11%, 39%, 100%
CMY	0.8863, 0.6118, 0.0039
CMYK	0.89, 0.61, 0.00, 0.00
HSL	221°, 99%, 55%
HSV	221°, 89%, 100%
XYZ	22.8579, 16.3406, 95.7152
YIQ	95.7400, -91.4750, 33.3650

Conversions

Conversions Part 2

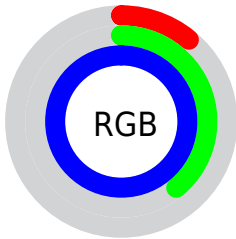
Format	Color
RYB	29, 82, 254
Decimal	1926142
CIELab	47.42, 37.58, -82.25
CIELCh	47, 90.426, 294.557
Yxy	16.3406, 0.1694, 0.1211
Android (android.graphics.Color)	4280116222 (0xFF1D63FE)
YUV	95.7400, 78.0222, -58.5310
Hunter-Lab	40.4236, 30.1934, -112.0908

Details

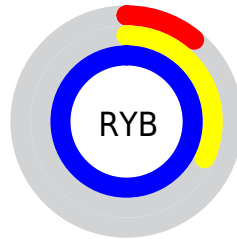
The Android color `4280116222` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed azure. A complement of this color would be `4294883357`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4286092799`, and `4278204100` is the 20% darker color. If you saturate the color by 10%, you get `4278473470`, and if you desaturate by 10%, it is `4281758974`.

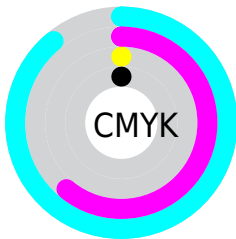
Distribution



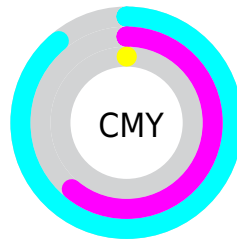
- Red (11%)
- Green (39%)
- Blue (100%)



- Red (11%)
- Yellow (32%)
- Blue (100%)



- Cyan (89%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280116222 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 4280116222 by changing the saturation by 10% instead.

 4280116222

 4280116222

4294967295

 4278209761

 4286092799

 4278204100

 4288327935

 4278198952

 4290431999

 4278194829

 4292536319

 4278190450

 4294639615

 4278193496

 4278191936

 4278190889

 4278190355

■ 4280116222

■ 4280116222

■ 4278473470

■ 4281758974

■ 4278210558

■ 4283467518

■ 4285110270

■ 4286818814

■ 4288461566

■ 4290104574

■ 4291812862

■ 4293455870

4294967294

Harmonies

Analogous

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



4278223103



4280116222



4290390474

Triad

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



4280116222



4291510272



4278226272

Complementary

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



4280116222



4294883357

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.



4278225152



4280116222



4287981824

Square

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



4280116222



4293591096



4283203072



4278226862

Rectangle

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



4280116222



4292870299



4283203072



4278225988

Sweetspot

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



4280116222



4290433279



4280155831



4283917184



4278190080



4286611584

Same Dimension

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



4280116222



4278210559



4282785278



4285757312



4278205375



4278195264

Inverse Universe

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



4294843747



4294901839



4292214301



4286608247



4290707516



4282384404

Previews

White Background



This preview shows how the Android color 4280116222 looks on a white background.

Color Contrast Check

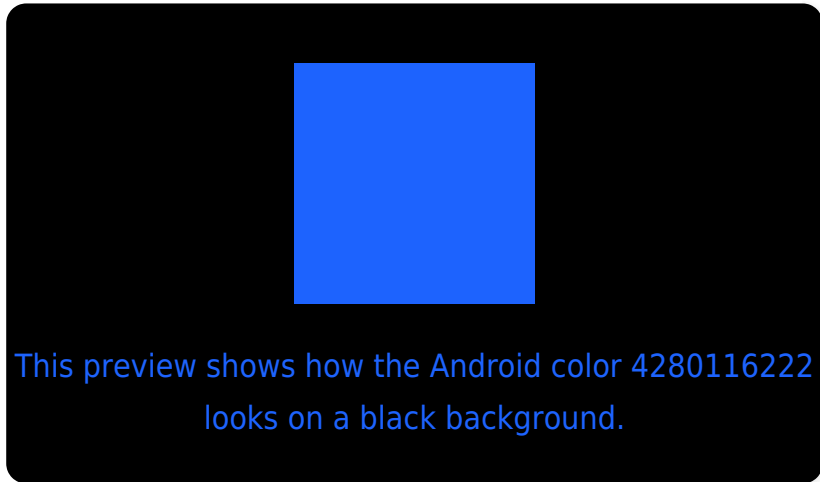
Large Text (above 18pt) WCAG AA ✓ Pass

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

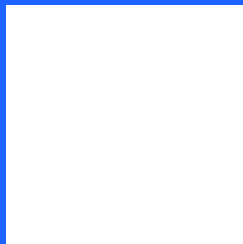
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280116222 Background



This preview shows how black text looks on a background with the Android color 4280116222.



This preview shows how white text looks on a background with the Android color 4280116222.

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

4280116222

Protanopia

4278217699

Deuteranopia

4278219459

Trichromacy



Original Color
4280116222

Protanomaly
4278937837

Deuteranomaly
4278939096

Tritanomaly
4278940592

Monochromacy



Original Color
4280116222

Achromatopsia
4284506208

Achromatomaly
4282933657

CSS Examples

Text

The CSS property to change the color of the text to Android 4280116222 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, 99, 254)` looks like.

```
.text, #text, p{  
    color:rgb(29, 99, 254)  
}
```

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, 99, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 99, 254) }
```

Border

The CSS property to change the border of an element to Android 4280116222 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, 99, 254) }
```

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

```
.border{ border-color:rgb(29, 99, 254) }
```

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

Here you see how a box with a 4 pixel rgb(29, 99, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 99, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 99, 254);  
box-shadow:4px 4px 4px 4px rgb(29, 99,  
254) }
```

Background

The CSS property to change the background color of an element to Android 4280116222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 99, 254) }
```

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

```
.background{ background-color: rgb(29, 99,  
254) }
```

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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