

Converting Colors

Android(4281228015)

Have a look what the booklet for
Android(4281228015) contains.

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Color

Android(4281228015)

Conversions

Conversions Part 1

Format	Color
Hex	2E5AEF
RGB	46, 90, 239
RGB Percent	18%, 35%, 94%
CMY	0.8196, 0.6471, 0.0627
CMYK	0.81, 0.62, 0.00, 0.06
HSL	226°, 86%, 56%
HSV	226°, 81%, 94%
XYZ	20.3629, 14.1252, 83.3145
YIQ	93.8300, -74.0530, 37.0110

Conversions

Conversions Part 2

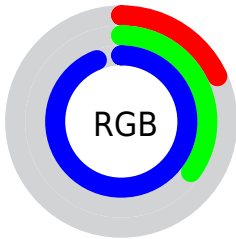
Format	Color
R_{YB}	46, 82, 239
Decimal	3037935
CIE _{Lab}	44.41, 38.79, -78.77
CIE _{LCh}	44, 87.803, 296.216
Yxy	14.1252, 0.1729, 0.1199
Android (android.graphics.Color)	4281228015 (0xFF2E5AEF)
YUV	93.8300, 71.5688, -41.9469
Hunter-Lab	37.5835, 30.9409, -105.1249

Details

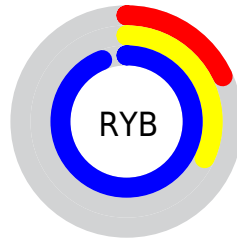
The Android color `4281228015` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4293903150`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4286352639`, and `4278201782` is the 20% darker color. If you saturate the color by 10%, you get `4279650543`, and if you desaturate by 10%, it is `4282805487`.

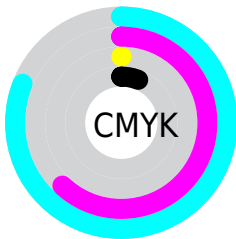
Distribution



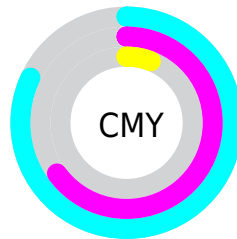
- Red (18%)
- Green (35%)
- Blue (94%)



- Red (18%)
- Yellow (32%)
- Blue (94%)



- Cyan (81%)
- Magenta (62%)
- Yellow (0%)
- Black (6%)



- Cyan (82%)
- Magenta (65%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281228015 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 4281228015 by changing the saturation by 10% instead.

 4281228015

 4281228015

4294967295

 4278207442

 4286352639

 4278201782

 4288456447

 4278196890

 4290560511

 4278192255

 4292599295

 4278191461

 4294703871

 4278192460

 4278191156

 4278190622

 4278190080

■ 4281228015

■ 4281228015

■ 4279650543

■ 4282805487

■ 4278204143

■ 4284383215

■ 4285960687

■ 4287538415

■ 4289115887

■ 4290628079

■ 4292205551

■ 4293783279

■ 4294967279

Harmonies

Analogous

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



4278220798



4281228015



4289928636

Triad

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



4281228015



4290592000



4278223965

Complementary

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



4281228015



4293903150

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.



4278222848



4281228015



4287128320

Square

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



4281228015



4292673583



4282414848



4278224552

Rectangle

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



4281228015



4292149390



4282414848



4278223683

Sweetspot

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



4281228015



4290957567



4281266114



4284179328



4278190080



4286611584

Same Dimension

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



4281228015



4278731007



4284559087



4285296504



4278201016



4278193464

Inverse Universe

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



4293865050



4294903872



4290572078



4286082159



4290248746



4281860109

Previews

White Background



This preview shows how the Android color 4281228015 looks on a white background.

Color Contrast Check

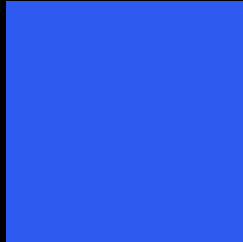
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281228015 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 4281228015 Background



This preview shows how black text looks on a background with the Android color 4281228015.

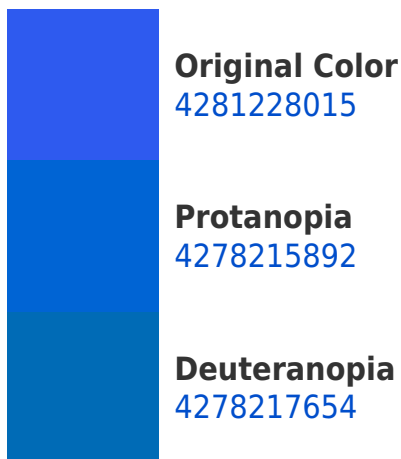


This preview shows how white text looks on a background with the Android color 4281228015.

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
4281228015

Protanomaly
4279328990

Deuteranomaly
4279330251

Tritanomaly
4279331749

Monochromacy



Original Color
4281228015

Achromatopsia
4284374622

Achromatomaly
4283260307

CSS Examples

Text

The CSS property to change the color of the text to Android 4281228015 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(46, 90, 239)` looks like.

```
.text, #text, p{  
    color:rgb(46, 90, 239)  
}
```

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(46, 90, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 90, 239) }
```

Border

The CSS property to change the border of an element to Android 4281228015 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(46, 90, 239) }
```

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

```
.border{ border-color:rgb(46, 90, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 90, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 90, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 90, 239);  
box-shadow:4px 4px 4px 4px rgb(46, 90,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4281228015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 90, 239) }
```

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

```
.background{ background-color: rgb(46, 90,  
239) }
```

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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