

Converting Colors

Android(4281168638)

Have a look what the booklet for
Android(4281168638) contains.

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Color

Android(4281168638)

Conversions

Conversions Part 1

Format	Color
Hex	2D72FE
RGB	45, 114, 254
RGB Percent	18%, 45%, 100%
CMY	0.8235, 0.5529, 0.0039
CMYK	0.82, 0.55, 0.00, 0.00
HSL	220°, 99%, 59%
HSV	220°, 82%, 100%
XYZ	24.9889, 19.7483, 96.2607
YIQ	109.3290, -86.0640, 28.9120

Conversions

Conversions Part 2

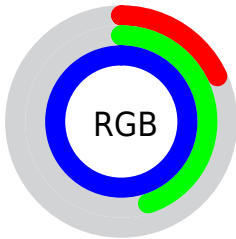
Format	Color
RYB	45, 97, 254
Decimal	2978558
CIELab	51.55, 29.14, -75.48
CIELCh	52, 80.914, 291.110
Yxy	19.7483, 0.1772, 0.1401
Android (android.graphics.Color)	4281168638 (0xFF2D72FE)
YUV	109.3290, 71.3228, -56.4165
Hunter-Lab	44.4390, 22.6056, -97.3225

Details

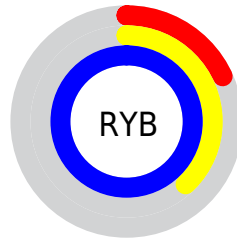
The Android color `4281168638` is a dark color, and the websafe version is hex `0066FF`. The color can be described as middle washed azure. A complement of this color would be `4294883629`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286424575`, and `4278207428` is the 20% darker color. If you saturate the color by 10%, you get `4279525886`, and if you desaturate by 10%, it is `4282811390`.

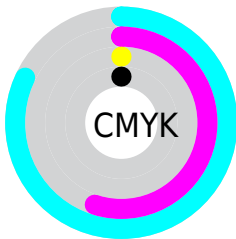
Distribution



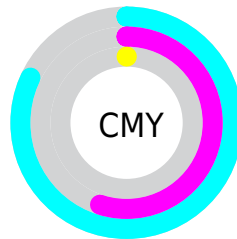
- Red (18%)
- Green (45%)
- Blue (100%)



- Red (18%)
- Yellow (38%)
- Blue (100%)



- Cyan (82%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)




- Cyan (82%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281168638 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 4281168638 by changing the saturation by 10% instead.

 4281168638

 4281168638

4294967295

 4278213345

 4286424575

 4278207428

 4288594175

 4278202280

 4290698495

 4278197389

 4292802815

 4278191475

4294901759

 4278193497

 4278191937

 4278190890

 4278190356

■ 4281168638

■ 4281168638

■ 4279525886

■ 4282811390

■ 4278211838

■ 4284519678

■ 4286162430

■ 4287870718

■ 4289513470

■ 4291156222

■ 4292864510

■ 4294507262

4294967294

Harmonies

Analogous

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



4278225663



4281168638



4290202579

Triad

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



4281168638



4292234752



4278228835

Complementary

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



4281168638



4294883629

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.



4278227217



4281168638



4289097984

Square

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



4281168638



4293860174



4284974592



4278229163

Rectangle

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



4281168638



4292683689



4284974592



4278228299

Sweetspot

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



4281168638



4290761983



4281204408



4284049024



4278190080



4286611584

Same Dimension

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



4281168638



4278408959



4283444734



4285757312



4278206399



4278195520

Inverse Universe

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



4294847858



4294902614



4292607533



4286608247



4290707519



4282384405

Previews

White Background



This preview shows how the Android color 4281168638 looks on a white 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

Black Background



This preview shows how the Android color 4281168638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

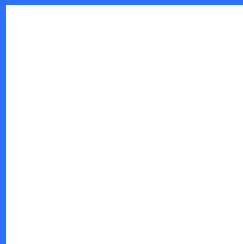
Any Text WCAG AAA × Fail

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

Android 4281168638 Background



This preview shows how black text looks on a background with the Android color 4281168638.

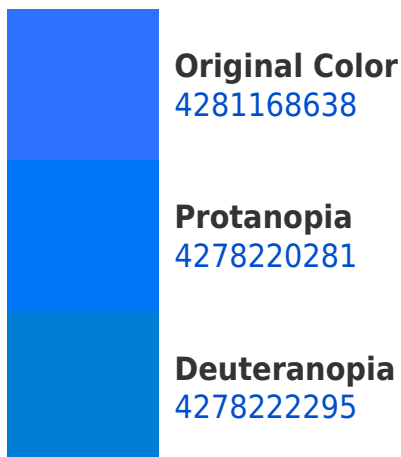


This preview shows how white text looks on a background with the Android color 4281168638.

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
4281168638

Protanomaly
4279268603

Deuteranomaly
4279269861

Tritanomaly
4279271352

Monochromacy



Original Color
4281168638

Achromatopsia
4285361517

Achromatomaly
4283854754

CSS Examples

Text

The CSS property to change the color of the text to Android 4281168638 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(45, 114, 254)` looks like.

```
.text, #text, p{  
    color:rgb(45, 114, 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(45, 114, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 114, 254) }
```

Border

The CSS property to change the border of an element to Android 4281168638 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(45, 114, 254) }
```

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

```
.border{ border-color:rgb(45, 114, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 114, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 114, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 114, 254);  
box-shadow:4px 4px 4px 4px rgb(45, 114,  
254) }
```

Background

The CSS property to change the background color of an element to Android 4281168638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 114, 254) }
```

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

```
.background{ background-color: rgb(45, 114,  
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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