

Converting Colors

Android(4278196981)

Have a look what the booklet for
Android(4278196981) contains.

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Color

Android(4278196981)

Conversions

Conversions Part 1

Format	Color
Hex	001AF5
RGB	0, 26, 245
RGB Percent	0%, 10%, 96%
CMY	1.0000, 0.8980, 0.0392
CMYK	1.00, 0.89, 0.00, 0.04
HSL	234°, 100%, 48%
HSV	234°, 100%, 96%
XYZ	16.8508, 7.3314, 86.9132
YIQ	43.1920, -85.7950, 62.5970

Conversions

Conversions Part 2

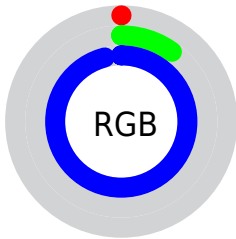
Format	Color
RYB	0, 24, 245
Decimal	6901
CIELab	32.55, 71.62, -101.82
CIElCh	33, 124.486, 305.123
Yxy	7.3314, 0.1517, 0.0660
Android (android.graphics.Color)	4278196981 (0xFF001AF5)
YUV	43.1920, 99.4913, -37.8794
Hunter-Lab	27.0765, 63.7041, -171.3622

Details

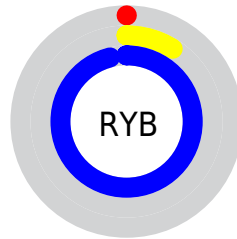
The Android color **4278196981** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **4294302464**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4285878783**, and **4278190267** is the 20% darker color. If you saturate the color by 10%, you get **4278196981**, and if you desaturate by 10%, it is **4279775477**.

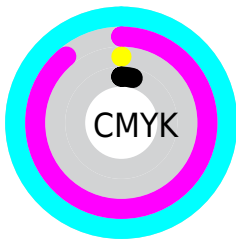
Distribution



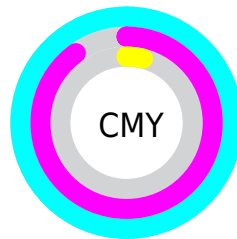
- Red (0%)
- Green (10%)
- Blue (96%)



- Red (0%)
- Yellow (9%)
- Blue (96%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (4%)





















- Cyan (100%)
- Magenta (90%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278196981 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 4278196981 by changing the saturation by 10% instead.

 4278196981	 4278196981
4294967295	 4278190296
 4285878783	 4278190267
 4288244991	 4278190239
 4290414591	 4278190211
 4292584191	 4278194537
 4294754047	 4278192720
 4294958079	 4278191416
 4294965503	 4278190625
	 4278190087

 4278196981

 4279775477

 4281419509

 4283063541

 4284642037

 4286286069

 4287864309

 4289442805

 4291086837

 4292730869

Harmonies

Analogous

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



4278214143



4278196981



4290904226

Triad

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



4278196981



4288352512



4278216796

Complementary

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



4278196981



4294302464

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.



4278215936



4278196981



4283387904

Square

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



4278196981



4291821568



4278214912



4278217920

Rectangle

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



4278196981



4292870242



4278214912



4278216505

Sweetspot

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



4278196981



4289969151



4278253016



4283586176



4278190080



4286611584

Same Dimension

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



4278196981



4278197247



4284350709



4285427578



4278195386



4278191675

Inverse Universe

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



4294246426



4294901787



4288148736



4286213743



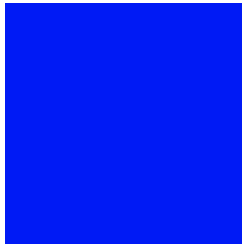
4290379796



4282056710

Previews

White Background



This preview shows how the Android color 4278196981 looks on a white background.

Color Contrast Check

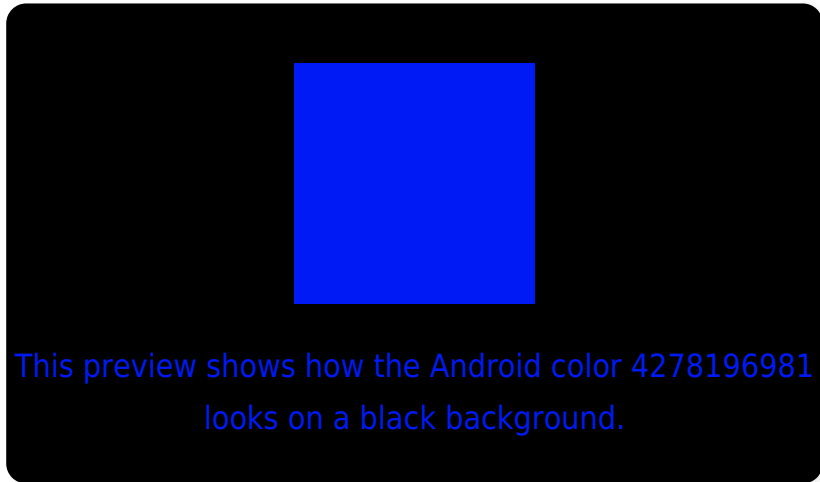
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278196981 Background



This preview shows how black text looks on a background with the Android color 4278196981.



This preview shows how white text looks on a background with the Android color 4278196981.

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
4278196981

Protanopia
4278209179

Deuteranopia
4278210435

Trichromacy



Original Color
4278196981

Protanomaly
4278204860

Deuteranomaly
4278205612

Tritanomaly
4278206610

Monochromacy



Original Color
4278196981

Achromatopsia
4281019179

Achromatomaly
4279969140

CSS Examples

Text

The CSS property to change the color of the text to Android 4278196981 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(0, 26, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 26, 245)  
}
```

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(0, 26, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 26, 245) }
```

Border

The CSS property to change the border of an element to Android 4278196981 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(0, 26, 245) }
```

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

```
.border{ border-color:rgb(0, 26, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 26, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 26, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 26, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 26, 245)  
}
```

Background

The CSS property to change the background color of an element to Android 4278196981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 26, 245) }
```

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

```
.background{ background-color: rgb(0, 26,  
245) }
```

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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