

Converting Colors

Android(4278583531)

Have a look what the booklet for
Android(4278583531) contains.

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Color

Android(4278583531)

Conversions

Conversions Part 1

Format	Color
Hex	0600EB
RGB	6, 0, 235
RGB Percent	2%, 0%, 92%
CMY	0.9765, 1.0000, 0.0784
CMYK	0.97, 1.00, 0.00, 0.08
HSL	242°, 100%, 46%
HSV	242°, 100%, 92%
XYZ	15.0705, 6.0369, 78.9682
YIQ	28.5840, -71.8590, 74.3570

Conversions

Conversions Part 2

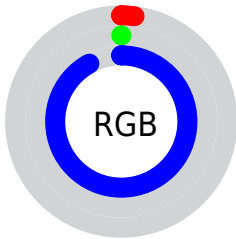
Format	Color
RYB	6, 0, 235
Decimal	393451
CIELab	29.51, 74.48, -101.23
CIElCh	30, 125.681, 306.343
Yxy	6.0369, 0.1506, 0.0603
Android (android.graphics.Color)	4278583531 (0xFF0600EB)
YUV	28.5840, 101.7631, -19.8062
Hunter-Lab	24.5701, 66.4887, -173.3591

Details

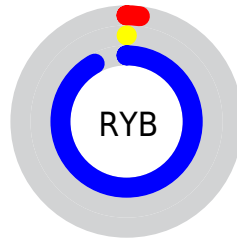
The Android color `4278583531` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark washed blue. A complement of this color would be `4293257984`, and the grayscale version is `4280032284`.

A 20% lighter version of the original color is `4285809919`, and `4278190257` is the 20% darker color. If you saturate the color by 10%, you get `4278583531`, and if you desaturate by 10%, it is `4280096747`.

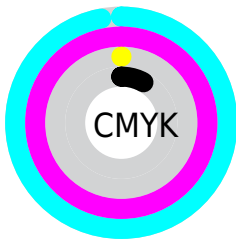
Distribution



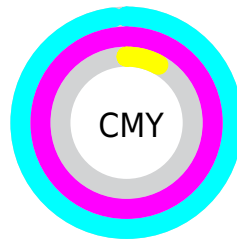
- Red (2%)
- Green (0%)
- Blue (92%)



- Red (2%)
- Yellow (0%)
- Blue (92%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (98%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278583531 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 4278583531 by changing the saturation by 10% instead.



4278583531



4278583531

4294967295



4278190286



4285809919



4278190257



4288110847



4278190229



4290345983



4278190714



4292450047



4278194016



4294619903



4278192199



4294955007



4278191152



4294962431




4278190362



4278190080

 4278583531

 4280096747

 4281610219

 4283123691

 4284636907

 4286084843

 4287598059

 4289111275

 4290624747

 4292137963

Harmonies

Analogous

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



4278212351



4278583531



4290510999

Triad

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



4278583531



4287564032



4278214745

Complementary

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



4278583531



4293257984

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.



4278213888



4278583531



4282599936

Square

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



4278583531



4291100672



4278212864



4278215868

Rectangle

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



4278583531



4292280407



4278212864



4278214455

Sweetspot

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



4278583531



4290032639



4278249451



4283650688



4278190080



4286611584

Same Dimension

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



4278583531



4278649087



4286120171



4285164149



4278517941



4278255670

Inverse Universe

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



4293591269



4294902008



4285721344



4285885045



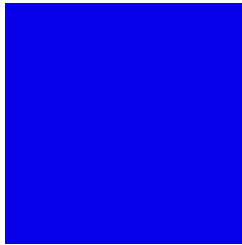
4290052272



4281729076

Previews

White Background



This preview shows how the Android color 4278583531 looks on a white background.

Color Contrast Check

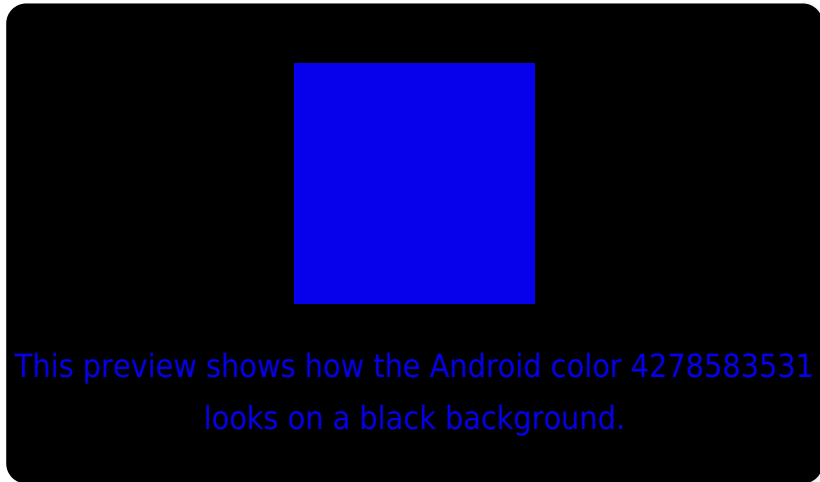
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278583531 Background



This preview shows how black text looks on a background with the Android color 4278583531.



This preview shows how white text looks on a background with the Android color 4278583531.

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
4278583531

Protanopia
4278207888

Deuteranopia
4278208890

Trichromacy



Original Color

4278583531

Protanomaly

4278332593

Deuteranomaly

4278333091

Tritanomaly

4278334090

Monochromacy



Original Color

4278583531

Achromatopsia

4280098077

Achromatomaly

4279571048

CSS Examples

Text

The CSS property to change the color of the text to Android 4278583531 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(6, 0, 235)` looks like.

```
.text, #text, p{  
    color:rgb(6, 0, 235)  
}
```

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(6, 0, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 0, 235) }
```

Border

The CSS property to change the border of an element to Android 4278583531 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(6, 0, 235) }
```

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

```
.border{ border-color:rgb(6, 0, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 0, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 0, 235); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 0, 235); box-shadow:4px  
4px 4px 4px rgb(6, 0, 235) }
```

Background

The CSS property to change the background color of an element to Android 4278583531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 0, 235) }
```

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

```
.background{ background-color: rgb(6, 0,  
235) }
```

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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