

Converting Colors

Android(4278271953)

Have a look what the booklet for
Android(4278271953) contains.

Android(4278271953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278271953)

Conversions

Conversions Part 1

Format	Color
Hex	013FD1
RGB	1, 63, 209
RGB Percent	0%, 25%, 82%
CMY	0.9961, 0.7529, 0.1804
CMYK	1.00, 0.70, 0.00, 0.18
HSL	222°, 99%, 41%
HSV	222°, 100%, 82%
XYZ	13.2986, 8.1649, 61.1967
YIQ	61.1060, -83.8180, 32.2620

Conversions

Conversions Part 2

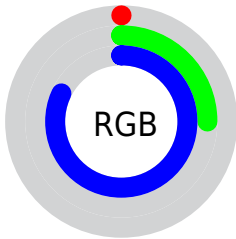
Format	Color
RYB	1, 49, 209
Decimal	81873
CIELab	34.32, 42.66, -78.29
CIELCh	34, 89.154, 298.587
Yxy	8.1649, 0.1609, 0.0988
Android (android.graphics.Color)	4278271953 (0xFF013FD1)
YUV	61.1060, 72.9117, -52.7130
Hunter-Lab	28.5743, 33.0698, -106.9774

Details

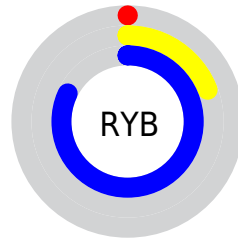
The Android color **4278271953** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **4291924737**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4285034495**, and **4278195609** is the 20% darker color. If you saturate the color by 10%, you get **4278206161**, and if you desaturate by 10%, it is **4279652049**.

Distribution



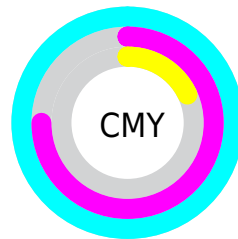
- Red (0%)
- Green (25%)
- Blue (82%)



- Red (0%)
- Yellow (19%)
- Blue (82%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (75%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278271953 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 4278271953 by changing the saturation by 10% instead.

 4278271953

 4278271953

4294967295

 4278200757

 4285034495

 4278195609

 4287138047

 4278190974

 4289242111

 4278190692

 4291280639

 4278192459

 4293319423

 4278191155

 4294964991

 4278190621

 4278190080

 4278271953

 4278271953

■ 4278206161

■ 4279652049

■ 4281031889

■ 4282411985

■ 4283792081

■ 4285106385

■ 4286486481

■ 4287866577

■ 4289246417

■ 4290626513

Harmonies

Analogous

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



4278214371



4278271953



4288413852

Triad

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



4278271953



4288292096



4278217035

Complementary

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



4278271953



4291924737

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.



4278216192



4278271953



4284894720

Square

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



4278271953



4290510867



4279197440



4278217620

Rectangle

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



4278271953



4290379887



4279197440



4278216754

Sweetspot

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



4278271953



4289972735



4278309267



4283588480



4278190080



4286611584

Same Dimension

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



4278271953



4278209791



4281008593



4284375401



4278203048



4278193193

Inverse Universe

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



4291887423



4294901836



4289188097



4285095521



4289200178



4280877068

Previews

White Background



This preview shows how the Android color 4278271953 looks on a white background.

Color Contrast Check

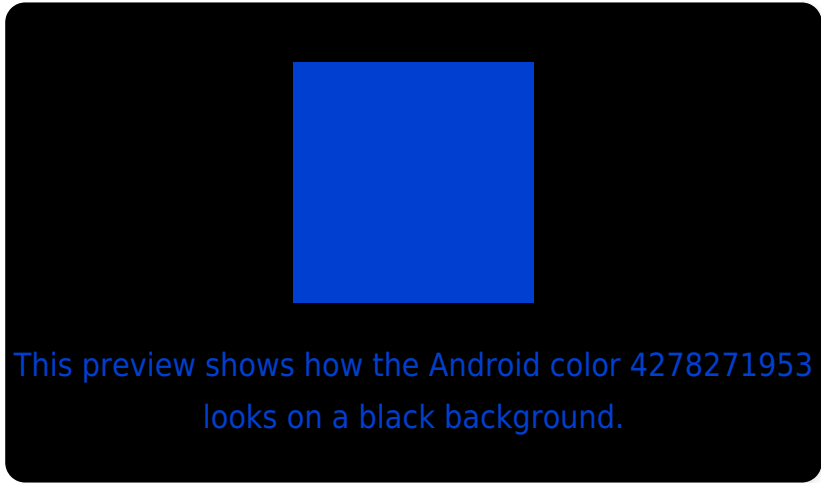
Large Text (above 18pt) WCAG AA ✓ Pass

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

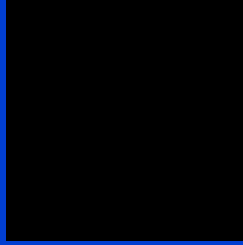
Any Text WCAG AA × Fail

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 4278271953 Background



This preview shows how black text looks on a background with the Android color 4278271953.



This preview shows how white text looks on a background with the Android color 4278271953.

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

4278271953

Protanopia

4278210212

Deuteranopia

4278211468

Trichromacy



Original Color
4278271953

Protanomaly
4278208948

Deuteranomaly
4278209701

Tritanomaly
4278210696

Monochromacy



Original Color
4278271953

Achromatopsia
4282203453

Achromatomaly
4280761971

CSS Examples

Text

The CSS property to change the color of the text to Android 4278271953 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(1, 63, 209)` looks like.

```
.text, #text, p{  
    color:rgb(1, 63, 209)  
}
```

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(1, 63, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 63, 209) }
```

Border

The CSS property to change the border of an element to Android 4278271953 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(1, 63, 209) }
```

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

```
.border{ border-color:rgb(1, 63, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 63, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 63, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 63, 209);  
box-shadow:4px 4px 4px 4px rgb(1, 63, 209)  
}
```

Background

The CSS property to change the background color of an element to Android 4278271953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 63, 209) }
```

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

```
.background{ background-color: rgb(1, 63,  
209) }
```

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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