

Converting Colors

Android(4278195173)

Have a look what the booklet for
Android(4278195173) contains.

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Color

Android(4278195173)

Conversions

Conversions Part 1

Format	Color
Hex	0013E5
RGB	0, 19, 229
RGB Percent	0%, 7%, 90%
CMY	1.0000, 0.9255, 0.1020
CMYK	1.00, 0.92, 0.00, 0.10
HSL	235°, 100%, 45%
HSV	235°, 100%, 90%
XYZ	14.3757, 6.1229, 74.5529
YIQ	37.2590, -78.7340, 61.2820

Conversions

Conversions Part 2

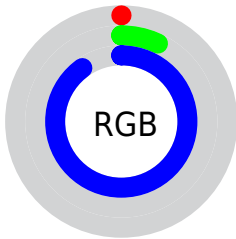
Format	Color
RYB	0, 18, 229
Decimal	5093
CIELab	29.72, 69.33, -97.45
CIELCh	30, 119.595, 305.429
Yxy	6.1229, 0.1512, 0.0644
Android (android.graphics.Color)	4278195173 (0xFF0013E5)
YUV	37.2590, 94.5283, -32.6761
Hunter-Lab	24.7445, 60.3999, -161.3144

Details

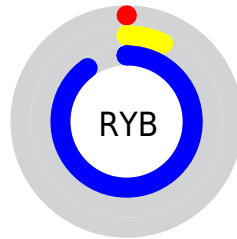
The Android color `4278195173` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4293251584`, and the grayscale version is `4280558628`.

A 20% lighter version of the original color is `4285615103`, and `4278190252` is the 20% darker color. If you saturate the color by 10%, you get `4278195173`, and if you desaturate by 10%, it is `4279707877`.

Distribution



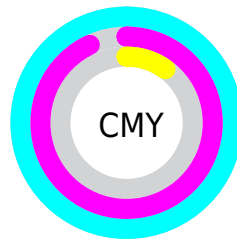
- Red (0%)
- Green (7%)
- Blue (90%)



- Red (0%)
- Yellow (7%)
- Blue (90%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (93%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278195173 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 4278195173 by changing the saturation by 10% instead.



4278195173



4278195173

4294967295



4278190280



4285615103



4278190252



4287915775



4278190224



4290085375



4278190965



4292189439



4278193499



4294293759



4278191939



4294956287



4278190892



4294963711



4278190358



4278190080

 4278195173

 4279707877

 4281220581

 4282733285


 4284245989

 4285758693

 4287205861

 4288718565

 4290231269

 4291743973

Harmonies

Analogous

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



4278212351



4278195173



4290117782

Triad

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



4278195173



4287565056



4278214742

Complementary

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



4278195173



4293251584

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



4278195173



4282862080

Square

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



4278195173



4290838528



4278212864



4278215604

Rectangle

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



4278195173



4291887193



4278212864



4278214453

Sweetspot

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



4278195173



4289968639



4278248914



4283585920



4278190080



4286611584

Same Dimension

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



4278195173



4278195711



4284416229



4284967027



4278194099



4278191155

Inverse Universe

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



4293197843



4294901781



4287030528



4285753192



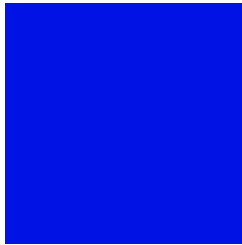
4289921039



4281532420

Previews

White Background



This preview shows how the Android color 4278195173 looks on a white background.

Color Contrast Check

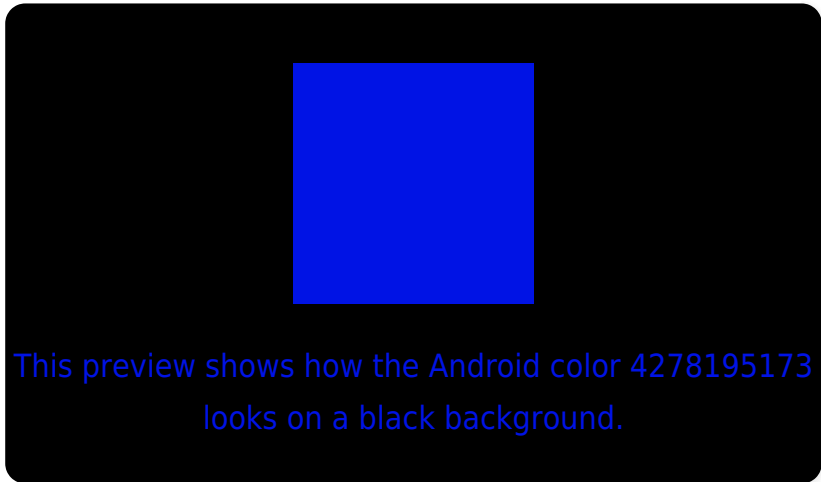
Large Text (above 18pt) WCAG AA ✓ Pass

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

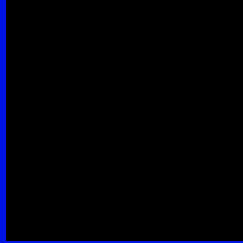
Any Text WCAG AA × Fail

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 4278195173 Background



This preview shows how black text looks on a background with the Android color 4278195173.



This preview shows how white text looks on a background with the Android color 4278195173.

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

4278195173

Protanopia

4278207631

Deuteranopia

4278208889

Trichromacy



Original Color
4278195173

Protanomaly
4278203054

Deuteranomaly
4278203808

Tritanomaly
4278204807

Monochromacy



Original Color
4278195173

Achromatopsia
4280624421

Achromatomaly
4279770731

CSS Examples

Text

The CSS property to change the color of the text to Android 4278195173 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, 19, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 19, 229)  
}
```

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, 19, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 19, 229) }
```

Border

The CSS property to change the border of an element to Android 4278195173 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, 19, 229) }
```

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

```
.border{ border-color:rgb(0, 19, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 19, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 19, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 19, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 19, 229)  
}
```

Background

The CSS property to change the background color of an element to Android 4278195173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 19, 229) }
```

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

```
.background{ background-color: rgb(0, 19,  
229) }
```

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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