

Converting Colors

Android(4278201310)

Have a look what the booklet for
Android(4278201310) contains.

Android(4278201310)	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(4278201310)

Conversions

Conversions Part 1

Format	Color
Hex	002BDE
RGB	0, 43, 222
RGB Percent	0%, 17%, 87%
CMY	1.0000, 0.8314, 0.1294
CMYK	1.00, 0.81, 0.00, 0.13
HSL	228°, 100%, 44%
HSV	228°, 100%, 87%
XYZ	14.0487, 7.0017, 69.7183
YIQ	50.5490, -83.0870, 46.5530

Conversions

Conversions Part 2

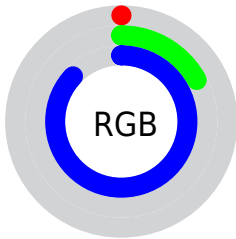
Format	Color
RYB	0, 36, 222
Decimal	11230
CIELab	31.81, 58.28, -89.95
CIELCh	32, 107.182, 302.941
Yxy	7.0017, 0.1548, 0.0771
Android (android.graphics.Color)	4278201310 (0xFF002BDE)
YUV	50.5490, 84.5253, -44.3315
Hunter-Lab	26.4607, 48.4643, -137.6940

Details

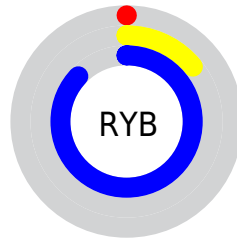
The Android color `4278201310` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4292784896`, and the grayscale version is `4281479730`.

A 20% lighter version of the original color is `4285357311`, and `4278190245` is the 20% darker color. If you saturate the color by 10%, you get `4278201310`, and if you desaturate by 10%, it is `4279647710`.

Distribution



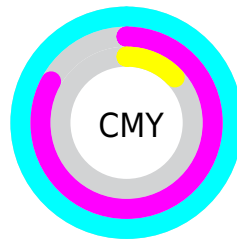
- Red (0%)
- Green (17%)
- Blue (87%)



- Red (0%)
- Yellow (14%)
- Blue (87%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (83%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201310 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 4278201310 by changing the saturation by 10% instead.

 4278201310

 4278201310

4294967295

 4278194881

 4285357311

 4278190245

 4287592191

 4278190218

 4289761535

 4278190959

 4291865599

 4278193238

 4293904383

 4278191677

 4294960127

 4278190887

 4278190352

 4278190080

 4278201310

 4279647710

 4281094110

 4282606046

 4284052446

 4285498846

 4286944990

 4288391390

 4289903326

 4291349726

Harmonies

Analogous

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



4278213115



4278201310



4289462426

Triad

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



4278201310



4287961088



4278215762

Complementary

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



4278201310



4292784896

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.



4278215168



4278201310



4283780096

Square

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



4278201310



4290838528



4278213632



4278216615

Rectangle

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



4278201310



4291362915



4278213632



4278215476

Sweetspot

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



4278201310



4289970687



4278247090



4283587200



4278190080



4286611584

Same Dimension

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



4278201310



4278202879



4282581214



4284835696



4278198960



4278192432

Inverse Universe

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



4292739115



4294901809



4288404992



4285556071



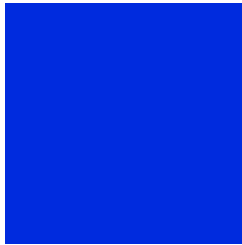
4289724450



4281335817

Previews

White Background



This preview shows how the Android color 4278201310 looks on a white background.

Color Contrast Check

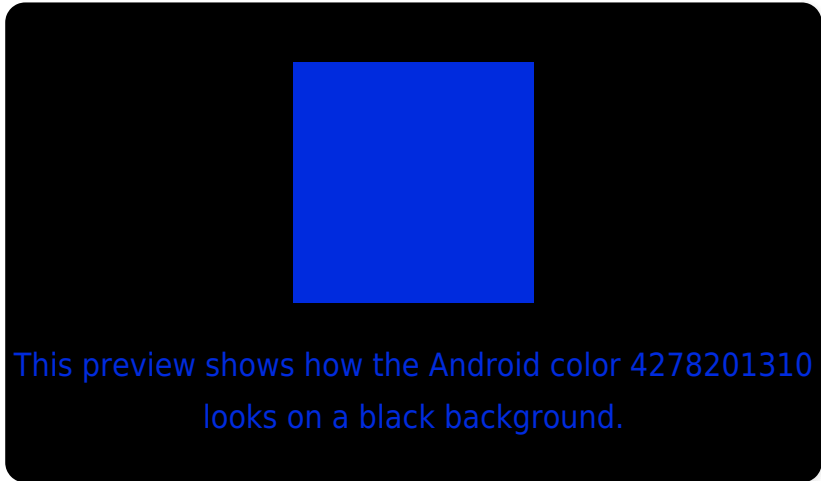
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278201310 Background



This preview shows how black text looks on a background with the Android color 4278201310.



This preview shows how white text looks on a background with the Android color 4278201310.

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

4278201310

Protanopia

4278208664

Deuteranopia

4278209921

Trichromacy



Original Color
4278201310

Protanomaly
4278205873

Deuteranomaly
4278206883

Tritanomaly
4278207624

Monochromacy



Original Color
4278201310

Achromatopsia
4281545523

Achromatomaly
4280299633

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201310 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, 43, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 222)  
}
```

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, 43, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 222) }
```

Border

The CSS property to change the border of an element to Android 4278201310 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, 43, 222) }
```

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

```
.border{ border-color:rgb(0, 43, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 222)  
}
```

Background

The CSS property to change the background color of an element to Android 4278201310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 222) }
```

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

```
.background{ background-color: rgb(0, 43,  
222) }
```

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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