

Converting Colors

Android(4279238856)

Have a look what the booklet for
Android(4279238856) contains.

| | |
|--|----|
| Android(4279238856) | 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(4279238856)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1000C8 |
| RGB | 16, 0, 200 |
| RGB Percent | 6%, 0%, 78% |
| CMY | 0.9373, 1.0000, 0.2157 |
| CMYK | 0.92, 1.00, 0.00, 0.22 |
| HSL | 245°, 100%, 39% |
| HSV | 245°, 100%, 78% |
| XYZ | 10.6390, 4.2803, 54.9090 |
| YIQ | 27.5840, -54.6640, 65.5920 |

Conversions

Conversions Part 2

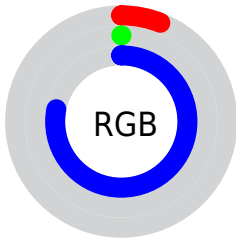
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 16, 0, 200 |
| Decimal | 1048776 |
| CIE _{Lab} | 24.58, 66.07, -89.23 |
| CIE _{LCh} | 25, 111.027, 306.515 |
| Yxy | 4.2803, 0.1524, 0.0613 |
| Android (android.graphics.Color) | 4279238856 (0xFF1000C8) |
| YUV | 27.5840, 85.0011, -10.1592 |
| Hunter-Lab | 20.6889, 55.5861, -142.8757 |

Details

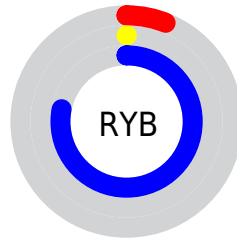
The Android color `4279238856` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4290299904`, and the grayscale version is `4279966491`.

A 20% lighter version of the original color is `4285284351`, and `4278190224` is the 20% darker color. If you saturate the color by 10%, you get `4279238856`, and if you desaturate by 10%, it is `4280423624`.

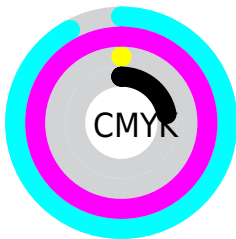
Distribution



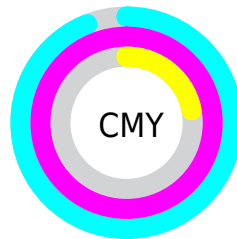
- Red (6%)
- Green (0%)
- Blue (78%)



- Red (6%)
- Yellow (0%)
- Blue (78%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (94%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279238856 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 4279238856 by changing the saturation by 10% instead.

 4279238856

 4279238856

4294967295

 4278190252

 4285284351


 4278190224

 4287453951

 4278190197

 4289557759

 4278193499

 4291661823

 4278191939

 4293700607

 4278190892

 4294952959


 4278190358

 4294960383

 4278190080

 4279238856

 4280423624

 4281673928

 4282858696

 4284109000

 4285293768

 4286478536

 4287728840

 4288913608

 4290163912

Harmonies

Analogous

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



4278208748



4279238856



4288741504

Triad

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



4279238856



4286187776



4278211148

Complementary

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



4279238856



4290299904

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.



4278210560



4279238856



4281875968

Square

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



4279238856



4289134592



4278209280



4278212000

Rectangle

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



4279238856



4290248777



4278209280



4278210862

Sweetspot

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



4279238856



4290360319



4278238152



4283781760



4278190080



4286611584

Same Dimension

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



4279238856



4279501055



4285595848



4284111459



4279042211



4278386724

Inverse Universe

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



4291297464



4294901995



4283942912



4284701283



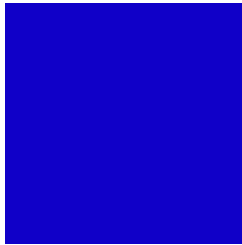
4288872598



4280549409

Previews

White Background



This preview shows how the Android color 4279238856 looks on a white background.

Color Contrast Check

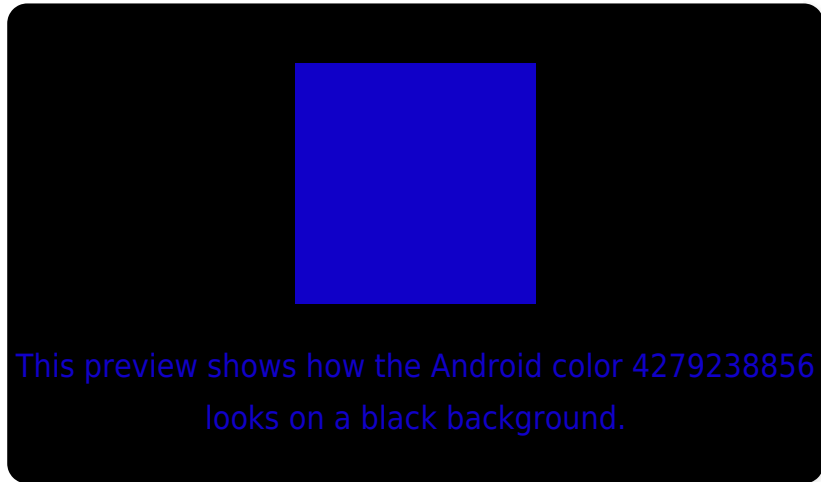
Large Text (above 18pt) WCAG AA ✓ Pass

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

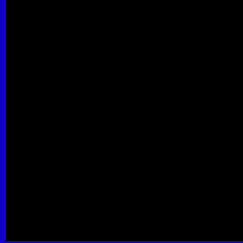
Any Text WCAG AA × Fail

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 4279238856 Background



This preview shows how black text looks on a background with the Android color 4279238856.



This preview shows how white text looks on a background with the Android color 4279238856.

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
4279238856

Protanopia
4278205307

Deuteranopia
4278206312

Trichromacy



Original Color

4279238856

Protanomaly

4278593175

Deuteranomaly

4278593675

Tritanomaly

4278594422

Monochromacy



Original Color

4279238856

Achromatopsia

4280032284

Achromatomaly

4279767643

CSS Examples

Text

The CSS property to change the color of the text to Android 4279238856 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(16, 0, 200)` looks like.

```
.text, #text, p{  
    color:rgb(16, 0, 200)  
}
```

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(16, 0, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 0, 200) }
```

Border

The CSS property to change the border of an element to Android 4279238856 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(16, 0, 200) }
```

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

```
.border{ border-color:rgb(16, 0, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 0, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 0, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 0, 200);  
box-shadow:4px 4px 4px 4px rgb(16, 0, 200)  
}
```

Background

The CSS property to change the background color of an element to Android 4279238856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 0, 200) }
```

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

```
.background{ background-color: rgb(16, 0,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor