

Converting Colors

Android(4280025308)

Have a look what the booklet for
Android(4280025308) contains.

Android(4280025308)	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(4280025308)

Conversions

Conversions Part 1

Format	Color
Hex	1C00DC
RGB	28, 0, 220
RGB Percent	11%, 0%, 86%
CMY	0.8902, 1.0000, 0.1373
CMYK	0.87, 1.00, 0.00, 0.14
HSL	248°, 100%, 43%
HSV	248°, 100%, 86%
XYZ	13.3972, 5.4142, 68.0491
YIQ	33.4520, -53.9320, 74.3560

Conversions

Conversions Part 2

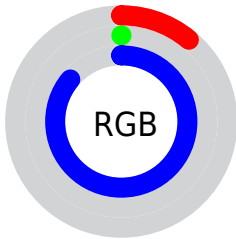
Format	Color
RYB	28, 0, 220
Decimal	1835228
CIELab	27.88, 71.06, -95.33
CIELCh	28, 118.903, 306.700
Yxy	5.4142, 0.1542, 0.0623
Android (android.graphics.Color)	4280025308 (0xFF1C00DC)
YUV	33.4520, 91.9682, -4.7814
Hunter-Lab	23.2684, 62.0546, -157.1074

Details

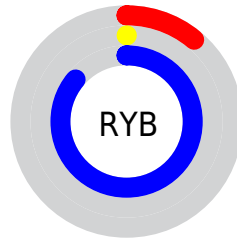
The Android color **4280025308** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **4290829312**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4285875199**, and **4278190243** is the 20% darker color. If you saturate the color by 10%, you get **4280025308**, and if you desaturate by 10%, it is **4281276124**.

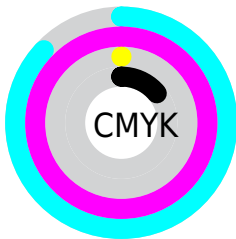
Distribution



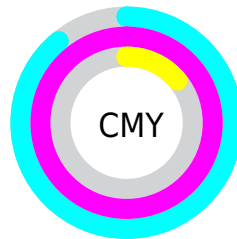
- Red (11%)
- Green (0%)
- Blue (86%)



- Red (11%)
- Yellow (0%)
- Blue (86%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (89%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280025308 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 4280025308 by changing the saturation by 10% instead.

 4280025308

 4280025308

4294967295

 4278190271

 4285875199

 4278190243

 4288110335

 4278190216

 4290214399

 4278191469

 4292383999

 4278192980

 4294488319

 4278191675

 4294954495


 4278190629

 4294961919

 4278190349

 4278190080

 4280025308

 4281276124

 4282526940

 4283843292

 4285094108

 4286344924

 4287595740

 4288846556

 4290162908

 4291413724

Harmonies

Analogous

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



4278210815



4280025308



4289855629

Triad

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



4280025308



4287041024



4278213462

Complementary

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



4280025308



4290829312

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.



4278212864



4280025308



4282336768

Square

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



4280025308



4290314240



4278211584



4278214578

Rectangle

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



4280025308



4291493969



4278211584



4278213173

Sweetspot

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



4280025308



4290556927



4278239964



4283912832



4278190080



4286611584

Same Dimension

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



4280025308



4280287487



4287103196



4284769134



4279632045



4278583342

Inverse Universe

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



4292608192



4294901983



4283751424



4285424492



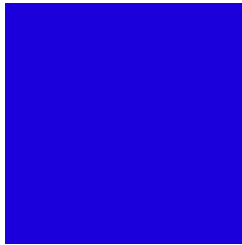
4289527959



4281204776

Previews

White Background



This preview shows how the Android color 4280025308 looks on a white background.

Color Contrast Check

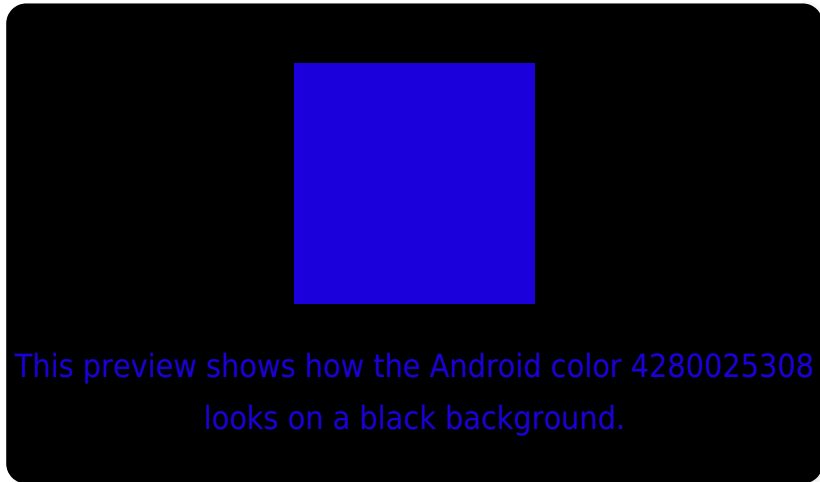
Large Text (above 18pt) WCAG AA ✓ Pass

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

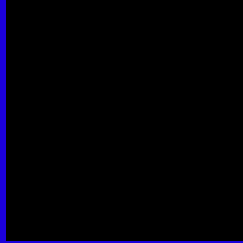
Any Text WCAG AA × Fail

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 4280025308 Background



This preview shows how black text looks on a background with the Android color 4280025308.



This preview shows how white text looks on a background with the Android color 4280025308.

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
4280025308

Protanopia
4278206857

Deuteranopia
4278208116

Trichromacy



Original Color
4280025308

Protanomaly
4278856103

Deuteranomaly
4278857114

Tritanomaly
4278857858

Monochromacy



Original Color
4280025308

Achromatopsia
4280361249

Achromatomaly
4280227173

CSS Examples

Text

The CSS property to change the color of the text to Android 4280025308 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(28, 0, 220)` looks like.

```
.text, #text, p{  
    color:rgb(28, 0, 220)  
}
```

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(28, 0, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 0, 220) }
```

Border

The CSS property to change the border of an element to Android 4280025308 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(28, 0, 220) }
```

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

```
.border{ border-color:rgb(28, 0, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 0, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 0, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 0, 220);  
box-shadow:4px 4px 4px 4px rgb(28, 0, 220)  
}
```

Background

The CSS property to change the background color of an element to Android 4280025308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 0, 220) }
```

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

```
.background{ background-color: rgb(28, 0,  
220) }
```

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