

Converting Colors

Android(4278196968)

Have a look what the booklet for
Android(4278196968) contains.

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Color

Android(4278196968)

Conversions

Conversions Part 1

Format	Color
Hex	001AE8
RGB	0, 26, 232
RGB Percent	0%, 10%, 91%
CMY	1.0000, 0.8980, 0.0902
CMYK	1.00, 0.89, 0.00, 0.09
HSL	233°, 100%, 45%
HSV	233°, 100%, 91%
XYZ	14.9349, 6.5650, 76.8239
YIQ	41.7100, -81.6220, 58.5540

Conversions

Conversions Part 2

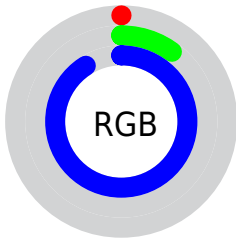
Format	Color
RYB	0, 23, 232
Decimal	6888
CIELab	30.80, 68.11, -97.37
CIELCh	31, 118.823, 304.971
Yxy	6.5650, 0.1519, 0.0668
Android (android.graphics.Color)	4278196968 (0xFF001AE8)
YUV	41.7100, 93.8130, -36.5797
Hunter-Lab	25.6222, 59.2066, -159.8356

Details

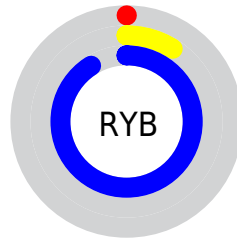
The Android color `4278196968` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293447168`, and the grayscale version is `4280887593`.

A 20% lighter version of the original color is `4285681919`, and `4278190254` is the 20% darker color. If you saturate the color by 10%, you get `4278196968`, and if you desaturate by 10%, it is `4279709672`.

Distribution



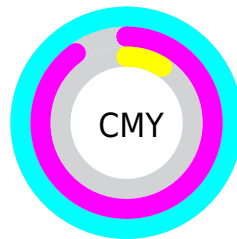
- Red (0%)
- Green (10%)
- Blue (91%)



- Red (0%)
- Yellow (9%)
- Blue (91%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (90%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278196968 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 4278196968 by changing the saturation by 10% instead.

 4278196968

 4278196968

4294967295

 4278190283

 4285681919

 4278190254

 4287916799

 4278190227

 4290086399

 4278190712

 4292255999

 4278193758

 4294360319

 4278192197

 4294957311

 4278191150


 4294964735

 4278190360

 4278190080

 4278196968

 4279709672

 4281222120

 4282800360

 4284312808

 4285825512

 4287338216

 4288850664

 4290428904

 4291941352

Harmonies

Analogous

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



4278212863



4278196968



4290183322

Triad

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



4278196968



4287827968



4278215511

Complementary

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



4278196968



4293447168

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.



4278214656



4278196968



4283190272

Square

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



4278196968



4291100672



4278213376



4278216373

Rectangle

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



4278196968



4292083805



4278213376



4278215222

Sweetspot

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



4278196968



4289969151



4278249677



4283586432



4278190080



4286611584

Same Dimension

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



4278196968



4278197759



4284023016



4284967283



4278195379



4278191667

Inverse Universe

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



4293394458



4294901789



4287621120



4285753193



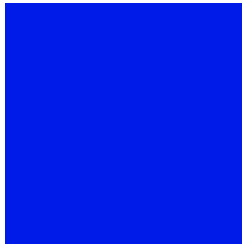
4289921044



4281532422

Previews

White Background



This preview shows how the Android color 4278196968 looks on a white background.

Color Contrast Check

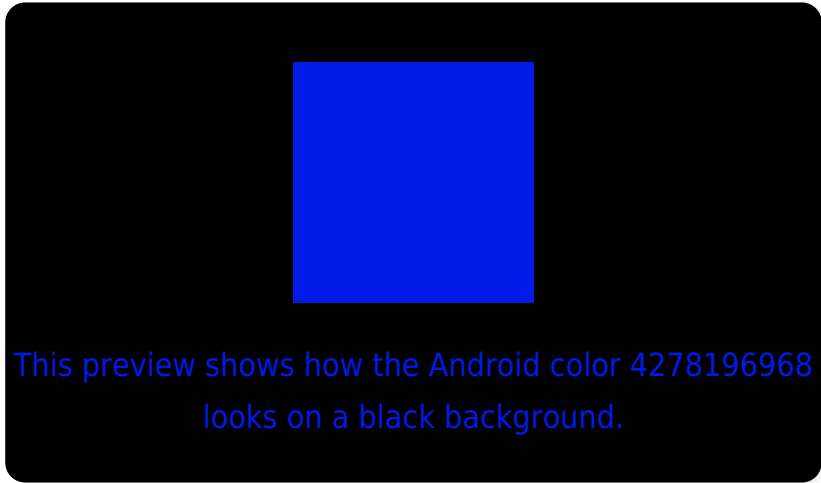
Large Text (above 18pt) WCAG AA ✓ Pass

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

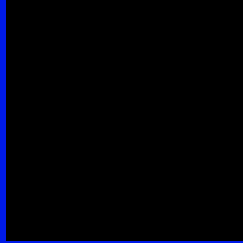
Any Text WCAG AA × Fail

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 4278196968 Background



This preview shows how black text looks on a background with the Android color 4278196968.



This preview shows how white text looks on a background with the Android color 4278196968.

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
4278196968

Protanopia
4278208147

Deuteranopia
4278209405

Trichromacy



Original Color
4278196968

Protanomaly
4278204082

Deuteranomaly
4278204836

Tritanomaly
4278205834

Monochromacy



Original Color
4278196968

Achromatopsia
4280953386

Achromatomaly
4279968879

CSS Examples

Text

The CSS property to change the color of the text to Android 4278196968 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, 26, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 26, 232)  
}
```

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, 26, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 26, 232) }
```

Border

The CSS property to change the border of an element to Android 4278196968 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, 26, 232) }
```

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

```
.border{ border-color:rgb(0, 26, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 26, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 26, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 26, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 26, 232)  
}
```

Background

The CSS property to change the background color of an element to Android 4278196968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 26, 232) }
```

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

```
.background{ background-color: rgb(0, 26,  
232) }
```

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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