

Converting Colors

Android(4280290303)

Have a look what the booklet for
Android(4280290303) contains.

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Color

Android(4280290303)

Conversions

Conversions Part 1

Format	Color
Hex	200BFF
RGB	32, 11, 255
RGB Percent	13%, 4%, 100%
CMY	0.8745, 0.9569, 0.0000
CMYK	0.87, 0.96, 0.00, 0.00
HSL	245°, 100%, 52%
HSV	245°, 96%, 100%
XYZ	18.7653, 7.7664, 95.1178
YIQ	45.0950, -65.8080, 80.3360

Conversions

Conversions Part 2

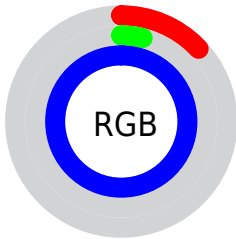
Format	Color
RYB	32, 11, 255
Decimal	2100223
CIELab	33.49, 77.82, -105.86
CIELCh	33, 131.385, 306.320
Yxy	7.7664, 0.1543, 0.0638
Android (android.graphics.Color)	4280290303 (0xFF200BFF)
YUV	45.0950, 103.4832, -11.4843
Hunter-Lab	27.8683, 71.4248, -182.8559

Details

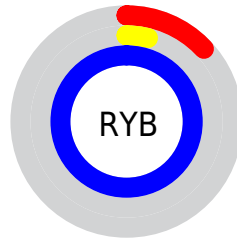
The Android color `4280290303` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark saturated blue. A complement of this color would be `4293590795`, and the grayscale version is `4281084972`.

A 20% lighter version of the original color is `4286532863`, and `4278190276` is the 20% darker color. If you saturate the color by 10%, you get `4279632127`, and if you desaturate by 10%, it is `4281804031`.

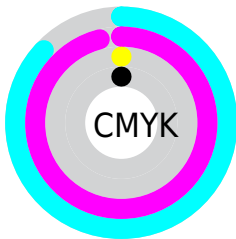
Distribution



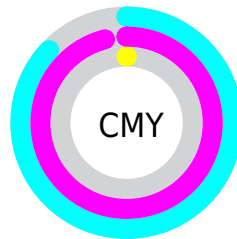
- Red (13%)
- Green (4%)
- Blue (100%)



- Red (13%)
- Yellow (4%)
- Blue (100%)



- Cyan (87%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280290303 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 4280290303 by changing the saturation by 10% instead.

 4280290303

 4280290303

4294967295

 4278190305

 4286532863

 4278190276

 4288899071

 4278190248

 4291068927

 4278190220

 4293238783

 4278194033

 4294949887

 4278193240

 4294957311

 4278191935

 4294964735

 4278190889

 4278190354

■ 4280290303

■ 4280290303

■ 4279632127

■ 4281804031

■ 4283383551

■ 4284897535

■ 4286411263

■ 4287990783

■ 4289504511

■ 4291018495

■ 4292532223

■ 4294111743

Harmonies

Analogous

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



4278214655



4280290303



4291690661

Triad

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



4280290303



4288615424



4278217572

Complementary

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



4280290303



4293590795

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.



4278216960



4280290303



4283257856

Square

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



4280290303



4292280320



4278215680



4278218957

Rectangle

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



4280290303



4293591137



4278215680



4278217279

Sweetspot

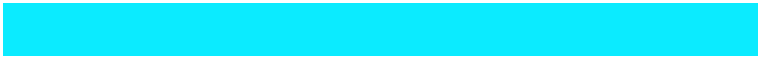
The Sweet Spot groups the original color and five complimentary colors.



4280290303



4290491903



4278971391



4283913088



4278190080



4286611584

Same Dimension

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



4280290303



4279632127



4288220159



4285821824



4279238847



4278517824

Inverse Universe

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



4294904810



4294901993



4285660939



4286608254



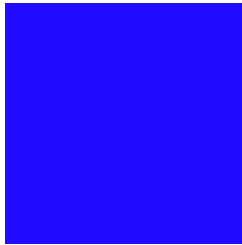
4290707631



4282384442

Previews

White Background



This preview shows how the Android color 4280290303 looks on a white background.

Color Contrast Check

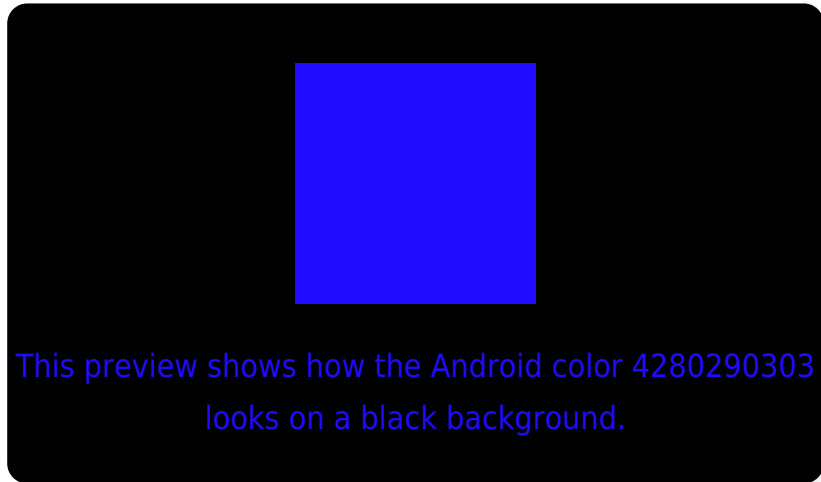
Large Text (above 18pt) WCAG AA ✓ Pass

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

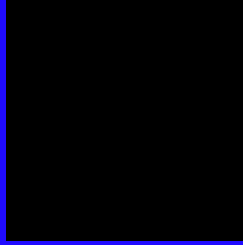
Any Text WCAG AA × Fail

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 4280290303 Background



This preview shows how black text looks on a background with the Android color 4280290303.



This preview shows how white text looks on a background with the Android color 4280290303.

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

4280290303

Protanopia

4278209695

Deuteranopia

4278210951

Trichromacy



Original Color
4280290303

Protanomaly
4278990018

Deuteranomaly
4278991027

Tritanomaly
4278991767

Monochromacy



Original Color
4280290303

Achromatopsia
4281150765

Achromatomaly
4280820089

CSS Examples

Text

The CSS property to change the color of the text to Android 4280290303 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(32, 11, 255)` looks like.

```
.text, #text, p{  
    color:rgb(32, 11, 255)  
}
```

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(32, 11, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 11, 255) }
```

Border

The CSS property to change the border of an element to Android 4280290303 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(32, 11, 255) }
```

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

```
.border{ border-color:rgb(32, 11, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 11, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 11, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 11, 255);  
box-shadow:4px 4px 4px 4px rgb(32, 11,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280290303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 11, 255) }
```

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

```
.background{ background-color: rgb(32, 11,  
255) }
```

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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