

Converting Colors

Android(4279240191)

Have a look what the booklet for
Android(4279240191) contains.

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Color

Android(4279240191)

Conversions

Conversions Part 1

Format	Color
Hex	1005FF
RGB	16, 5, 255
RGB Percent	6%, 2%, 100%
CMY	0.9373, 0.9804, 0.0000
CMYK	0.94, 0.98, 0.00, 0.00
HSL	243°, 100%, 51%
HSV	243°, 98%, 100%
XYZ	18.3180, 7.4387, 95.0781
YIQ	36.7890, -73.6940, 80.0820

Conversions

Conversions Part 2

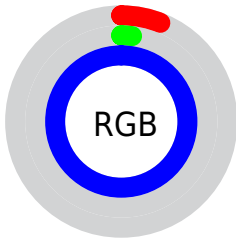
Format	Color
R_{YB}	16, 5, 255
Decimal	1050111
CIE Lab	32.79, 78.53, -107.05
CIE LCh	33, 132.766, 306.263
Yxy	7.4387, 0.1516, 0.0616
Android (android.graphics.Color)	4279240191 (0xFF1005FF)
YUV	36.7890, 107.5780, -18.2320
Hunter-Lab	27.2740, 72.1560, -187.5953

Details

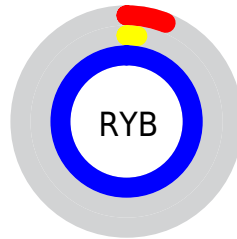
The Android color `4279240191` is a dark color, and the websafe version is hex `0000FF`. The color can be described as dark saturated blue. A complement of this color would be `4294246149`, and the grayscale version is `4280558628`.

A 20% lighter version of the original color is `4286269951`, and `4278190276` is the 20% darker color. If you saturate the color by 10%, you get `4278911231`, and if you desaturate by 10%, it is `4280819711`.

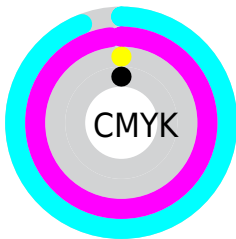
Distribution



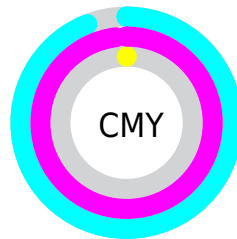
- Red (6%)
- Green (2%)
- Blue (100%)



- Red (6%)
- Yellow (2%)
- Blue (100%)



- Cyan (94%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279240191 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 4279240191 by changing the saturation by 10% instead.

 4279240191

 4279240191

4294967295

 4278190305

 4286269951

 4278190276

 4288636415

 4278190248

 4290871551

 4278190220

 4293041407

 4278194545

 4294949375

 4278193240

 4294956543

 4278191935

 4294964223

 4278190889

 4278190354

■ 4279240191

■ 4279240191

■ 4278911231

■ 4280819711

■ 4282464511

■ 4284044031

■ 4285688831

■ 4287268351

■ 4288847615

■ 4290492671

■ 4292071935

■ 4293651455

Harmonies

Analogous

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



4278214399



4279240191



4291625125

Triad

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



4279240191



4288482816



4278217314

Complementary

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



4279240191



4294246149

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.



4278216448



4279240191



4283126272

Square

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



4279240191



4292214784



4278215168



4278218444

Rectangle

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



4279240191



4293525600



4278215168



4278217021

Sweetspot

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



4279240191



4290295295



4278581247



4283782016



4278190080



4286611584

Same Dimension

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



4279240191



4278911231



4287235583



4285756288



4278714559



4278386752

Inverse Universe

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



4294903284



4294902004



4286250757



4286608255



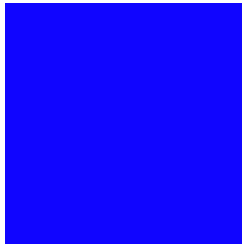
4290707639



4282384445

Previews

White Background



This preview shows how the Android color 4279240191 looks on a white background.

Color Contrast Check

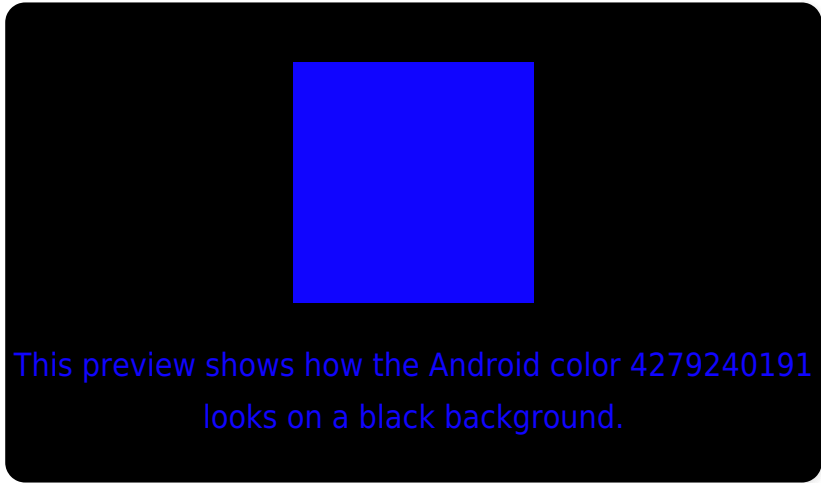
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279240191 Background



This preview shows how black text looks on a background with the Android color 4279240191.



This preview shows how white text looks on a background with the Android color 4279240191.

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
4279240191

Protanopia
4278209437

Deuteranopia
4278210693

Trichromacy



Original Color
4279240191

Protanomaly
4278596289

Deuteranomaly
4278597041

Monochromacy



Original Color
4279240191

Achromatopsia
4280624421

Achromatomaly
4280097140

CSS Examples

Text

The CSS property to change the color of the text to Android 4279240191 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, 5, 255)` looks like.

```
.text, #text, p{  
    color:rgb(16, 5, 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(16, 5, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 5, 255) }
```

Border

The CSS property to change the border of an element to Android 4279240191 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, 5, 255) }
```

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

```
.border{ border-color:rgb(16, 5, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 5, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 5, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 5, 255);  
box-shadow:4px 4px 4px 4px rgb(16, 5, 255)  
}
```

Background

The CSS property to change the background color of an element to Android 4279240191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 5, 255) }
```

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

```
.background{ background-color: rgb(16, 5,  
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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