

Converting Colors

Android(4279720939)

Have a look what the booklet for
Android(4279720939) contains.

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Color

Android(4279720939)

Conversions

Conversions Part 1

Format	Color
Hex	175BEB
RGB	23, 91, 235
RGB Percent	9%, 36%, 92%
CMY	0.9098, 0.6431, 0.0784
CMYK	0.90, 0.61, 0.00, 0.08
HSL	221°, 84%, 51%
HSV	221°, 90%, 92%
XYZ	19.0898, 13.6625, 80.2282
YIQ	87.0840, -86.7520, 30.3680

Conversions

Conversions Part 2

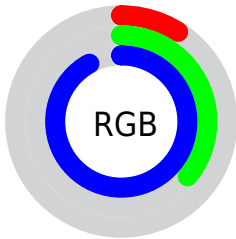
Format	Color
RYB	23, 74, 235
Decimal	1530859
CIELab	43.74, 35.29, -77.63
CIELCh	44, 85.279, 294.447
Yxy	13.6625, 0.1690, 0.1209
Android (android.graphics.Color)	4279720939 (0xFF175BEB)
YUV	87.0840, 72.9226, -56.2017
Hunter-Lab	36.9628, 27.5033, -102.8158

Details

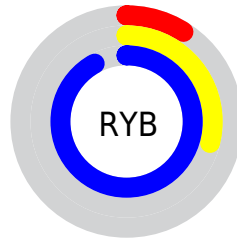
The Android color `4279720939` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed blue. A complement of this color would be `4293633815`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4285631999`, and `4278202290` is the 20% darker color. If you saturate the color by 10%, you get `4278209515`, and if you desaturate by 10%, it is `4281297899`.

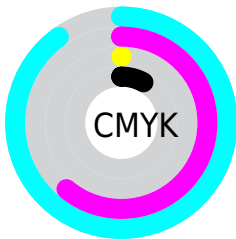
Distribution



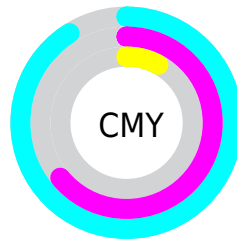
- Red (9%)
- Green (36%)
- Blue (92%)



- Red (9%)
- Yellow (29%)
- Blue (92%)



- Cyan (90%)
- Magenta (61%)
- Yellow (0%)
- Black (8%)



- Cyan (91%)
- Magenta (64%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279720939 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 4279720939 by changing the saturation by 10% instead.

 4279720939

 4279720939

4294967295

 4278207694

 4285631999

 4278202290

 4287866879

 4278197398

 4289970943

 4278192508

 4292009727

 4278192482

 4294114047

 4278192457

 4278191153

 4278190363

 4278190080

■ 4279720939

■ 4279720939

■ 4278209515

■ 4281297899

■ 4282809323

■ 4284386283

■ 4285897707

■ 4287474667

■ 4288986091

■ 4290497515

■ 4292074475

■ 4293651435

Harmonies

Analogous

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



4278220535



4279720939



4289406651

Triad

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



4279720939



4290525952



4278223448

Complementary

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



4279720939



4293633815

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.



4278222336



4279720939



4287258624

Square

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



4279720939



4292411443



4282807296



4278223777

Rectangle

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



4279720939



4291690639



4282807296



4278223166

Sweetspot

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



4279720939



4290433279



4279757732



4283917440



4278190080



4286611584

Same Dimension

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



4279720939



4278211327



4281997291



4285164917



4278205109



4278194486

Inverse Universe

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



4293597019



4294901842



4291357463



4285885037



4290052154



4281729041

Previews

White Background



This preview shows how the Android color 4279720939 looks on a white background.

Color Contrast Check

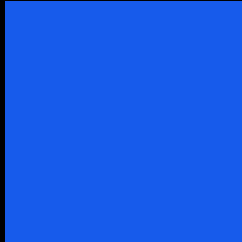
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4279720939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

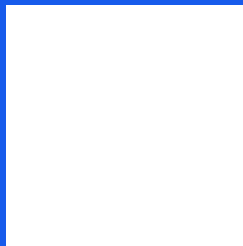
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4279720939 Background



This preview shows how black text looks on a background with the Android color 4279720939.



This preview shows how white text looks on a background with the Android color 4279720939.

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
4279720939

Protanopia
4278215633

Deuteranopia
4278217139

Trichromacy



Original Color
4279720939

Protanomaly
4278739162

Deuteranomaly
4278740167

Tritanomaly
4278741666

Monochromacy



Original Color
4279720939

Achromatopsia
4283914071

Achromatomaly
4282407053

CSS Examples

Text

The CSS property to change the color of the text to Android 4279720939 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(23, 91, 235)` looks like.

```
.text, #text, p{  
    color:rgb(23, 91, 235)  
}
```

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(23, 91, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 91, 235) }
```

Border

The CSS property to change the border of an element to Android 4279720939 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(23, 91, 235) }
```

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

```
.border{ border-color:rgb(23, 91, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 91, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 91, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 91, 235);  
box-shadow:4px 4px 4px 4px rgb(23, 91,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4279720939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 91, 235) }
```

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

```
.background{ background-color: rgb(23, 91,  
235) }
```

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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