

Converting Colors

Android(4278337719)

Have a look what the booklet for
Android(4278337719) contains.

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Color

Android(4278337719)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0240B7 |
| RGB | 2, 64, 183 |
| RGB Percent | 1%, 25%, 72% |
| CMY | 0.9922, 0.7490, 0.2824 |
| CMYK | 0.99, 0.65, 0.00, 0.28 |
| HSL | 219°, 98%, 36% |
| HSV | 219°, 99%, 72% |
| XYZ | 10.4057, 7.0986, 45.6215 |
| YIQ | 59.0280, -75.1510, 23.8650 |

Conversions

Conversions Part 2

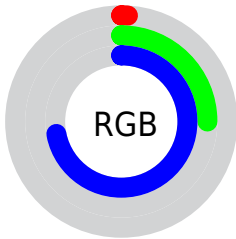
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 2, 48, 183 |
| Decimal | 147639 |
| CIELab | 32.03, 32.17, -66.85 |
| CIElCh | 32, 74.183, 295.696 |
| Yxy | 7.0986, 0.1648, 0.1125 |
| Android (android.graphics.Color) | 4278337719 (0xFF0240B7) |
| YUV | 59.0280, 61.1182, -50.0136 |
| Hunter-Lab | 26.6432, 23.0888, -82.8728 |

Details

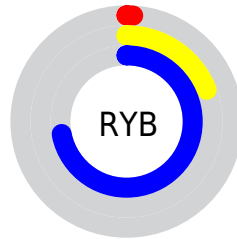
The Android color `4278337719` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4290214146`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4284444656`, and `4278196097` is the 20% darker color. If you saturate the color by 10%, you get `4278206391`, and if you desaturate by 10%, it is `4279520439`.

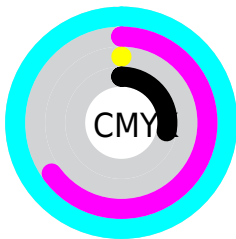
Distribution



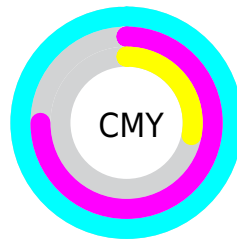
- Red (1%)
- Green (25%)
- Blue (72%)



- Red (1%)
- Yellow (19%)
- Blue (72%)



- Cyan (99%)
- Magenta (65%)
- Yellow (0%)
- Black (28%)



- Cyan (99%)
- Magenta (75%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278337719 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 4278337719 by changing the saturation by 10% instead.

 4278337719

 4278337719

4294967295

 4278201243

 4284444656

 4278196097

 4286548479

 4278190183

 4288521215

 4278192718

 4290494207

 4278191414

 4292532991

 4278190624

 4294506239

 4278190083

 4278190080

 4278337719

 4278337719

■ 4278206391

■ 4279520439

■ 4280768695

■ 4281951415

■ 4283134135

■ 4284382391

■ 4285565111

■ 4286747831

■ 4287930551

■ 4289178807

Harmonies

Analogous

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



4278212547



4278337719



4286908046

Triad

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



4278337719



4287505920



4278214977

Complementary

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



4278337719



4290214146

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.



4278214144



4278337719



4284761856

Square

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



4278337719



4289134622



4280899072



4278215293

Rectangle

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



4278337719



4288741482



4280899072



4278214700

Sweetspot

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



4278337719



4289117933



4278368120



4283259768



4294440951



4286085240

Same Dimension

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



4278337719



4278211053



4280091319



4283651676



4278203804



4278192668

Inverse Universe

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



4290183744



4293722193



4288460546



4284240726



4288413749



4280025098

Previews

White Background



This preview shows how the Android color 4278337719 looks on a white background.

Color Contrast Check

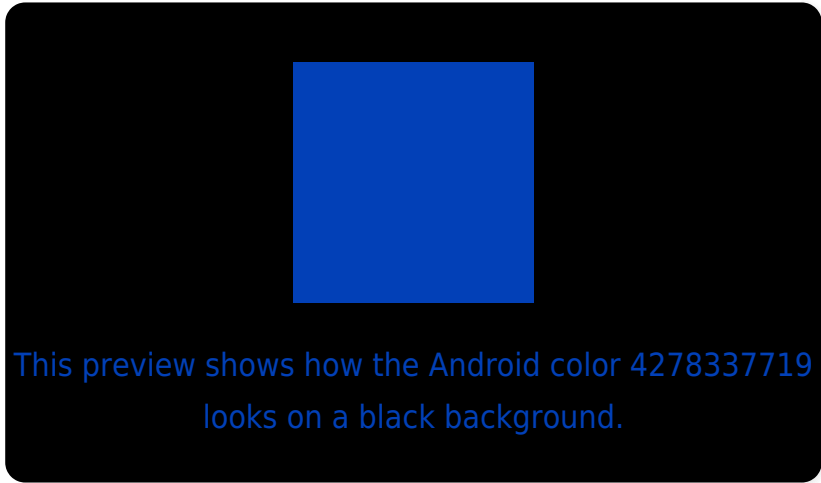
Large Text (above 18pt) WCAG AA ✓ Pass

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

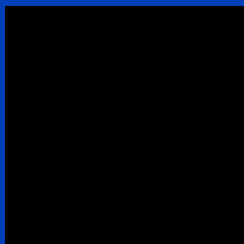
Any Text WCAG AA × Fail

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 4278337719 Background



This preview shows how black text looks on a background with the Android color 4278337719.



This preview shows how white text looks on a background with the Android color 4278337719.

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

4278337719

Protanopia

4278208922

Deuteranopia

4278210179

Trichromacy



Original Color
4278337719

Protanomaly
4278273701

Deuteranomaly
4278274454

Tritanomaly
4278275451

Monochromacy



Original Color
4278337719

Achromatopsia
4282071867

Achromatomaly
4280696168

CSS Examples

Text

The CSS property to change the color of the text to Android 4278337719 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(2, 64, 183)` looks like.

```
.text, #text, p{  
    color:rgb(2, 64, 183)  
}
```

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(2, 64, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 64, 183) }
```

Border

The CSS property to change the border of an element to Android 4278337719 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(2, 64, 183) }
```

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

```
.border{ border-color:rgb(2, 64, 183) }
```

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

Here you see how a box with a 4 pixel rgb(2, 64, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 64, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 64, 183);  
box-shadow:4px 4px 4px 4px rgb(2, 64, 183)  
}
```

Background

The CSS property to change the background color of an element to Android 4278337719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 64, 183) }
```

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

```
.background{ background-color: rgb(2, 64,  
183) }
```

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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