

Converting Colors

Android(4280639451)

Have a look what the booklet for
Android(4280639451) contains.

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Color

Android(4280639451)

Conversions

Conversions Part 1

Format	Color
Hex	255FDB
RGB	37, 95, 219
RGB Percent	15%, 37%, 86%
CMY	0.8549, 0.6275, 0.1412
CMYK	0.83, 0.57, 0.00, 0.14
HSL	221°, 72%, 50%
HSV	221°, 83%, 86%
XYZ	17.6413, 13.6922, 68.7309
YIQ	91.7940, -74.3720, 26.2680

Conversions

Conversions Part 2

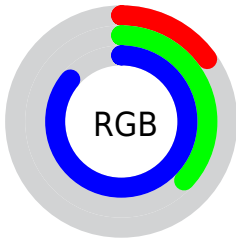
Format	Color
RYB	37, 81, 219
Decimal	2449371
CIELab	43.79, 27.50, -68.48
CIELCh	44, 73.798, 291.882
Yxy	13.6922, 0.1763, 0.1368
Android (android.graphics.Color)	4280639451 (0xFF255FDB)
YUV	91.7940, 62.7126, -48.0543
Hunter-Lab	37.0030, 20.3455, -84.2257

Details

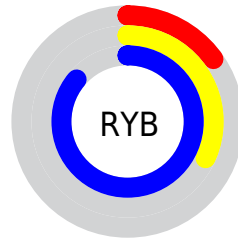
The Android color `4280639451` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4292583717`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4285698559`, and `4278203043` is the 20% darker color. If you saturate the color by 10%, you get `4279193819`, and if you desaturate by 10%, it is `4282085083`.

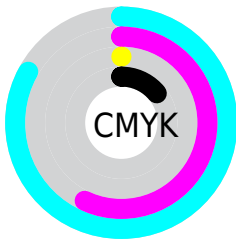
Distribution



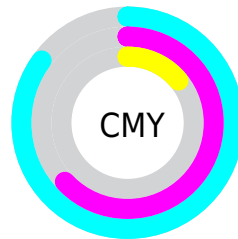
- Red (15%)
- Green (37%)
- Blue (86%)



- Red (15%)
- Yellow (32%)
- Blue (86%)



- Cyan (83%)
- Magenta (57%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (63%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280639451 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 4280639451 by changing the saturation by 10% instead.

 4280639451

 4280639451

4294967295

 4278208703

 4285698559

 4278203043

 4287802367

 4278198152

 4289840895

 4278193006

 4291879679

 4278192980

 4293853183

 4278191676

 4278190630

 4278190350

 4278190080

■ 4280639451

■ 4280639451

■ 4279193819

■ 4282085083

■ 4278208219

■ 4283530715

■ 4284976347

■ 4286421979

■ 4287867611

■ 4289247707

■ 4290693083

■ 4292138715

■ 4293584347

Harmonies

Analogous

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



4278220259



4280639451



4288560052

Triad

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



4280639451



4290134016



4278222932

Complementary

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



4280639451



4292583717

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.



4278221577



4280639451



4287389440

Square

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



4280639451



4291693630



4283724288



4278223252

Rectangle

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



4280639451



4290713487



4283724288



4278222654

Sweetspot

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



4280639451



4290761983



4280671134



4284048768



4278190080



4286611584

Same Dimension

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



4280639451



4278211071



4282590683



4284704366



4278204333



4278193966

Inverse Universe

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



4292552031



4294901841



4290632485



4285424486



4289527863



4281204751

Previews

White Background



This preview shows how the Android color 4280639451 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 4280639451 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 4280639451 Background



This preview shows how black text looks on a background with the Android color 4280639451.



This preview shows how white text looks on a background with the Android color 4280639451.

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

4280639451

Protanopia

4278215634

Deuteranopia

4278217141

Trichromacy



Original Color
4280639451

Protanomaly
4279067349

Deuteranomaly
4279068099

Tritanomaly
4279069597

Monochromacy



Original Color
4280639451

Achromatopsia
4284243036

Achromatomaly
4282932618

CSS Examples

Text

The CSS property to change the color of the text to Android 4280639451 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(37, 95, 219)` looks like.

```
.text, #text, p{  
    color:rgb(37, 95, 219)  
}
```

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(37, 95, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 95, 219) }
```

Border

The CSS property to change the border of an element to Android 4280639451 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(37, 95, 219) }
```

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

```
.border{ border-color:rgb(37, 95, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 95, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 95, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 95, 219);  
box-shadow:4px 4px 4px 4px rgb(37, 95,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4280639451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 95, 219) }
```

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

```
.background{ background-color: rgb(37, 95,  
219) }
```

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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