

Converting Colors

Android(4280757718)

Have a look what the booklet for
Android(4280757718) contains.

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Color

Android(4280757718)

Conversions

Conversions Part 1

Format	Color
Hex	272DD6
RGB	39, 45, 214
RGB Percent	15%, 18%, 84%
CMY	0.8471, 0.8235, 0.1608
CMYK	0.82, 0.79, 0.00, 0.16
HSL	238°, 69%, 50%
HSV	238°, 82%, 84%
XYZ	13.9127, 7.1631, 64.2677
YIQ	62.4720, -57.8250, 51.2870

Conversions

Conversions Part 2

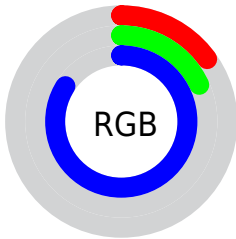
Format	Color
RYB	39, 45, 214
Decimal	2567638
CIELab	32.18, 55.86, -84.71
CIELCh	32, 101.464, 303.401
Yxy	7.1631, 0.1630, 0.0839
Android (android.graphics.Color)	4280757718 (0xFF272DD6)
YUV	62.4720, 74.7033, -20.5849
Hunter-Lab	26.7641, 45.9521, -123.6364

Details

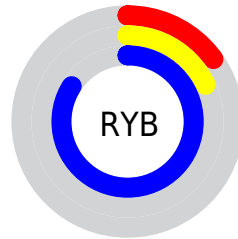
The Android color `4280757718` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark washed blue. A complement of this color would be `4292268071`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4285947647`, and `4278190238` is the 20% darker color. If you saturate the color by 10%, you get `4279376086`, and if you desaturate by 10%, it is `4282139350`.

Distribution



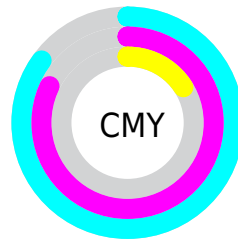
- Red (15%)
- Green (18%)
- Blue (84%)



- Red (15%)
- Yellow (18%)
- Blue (84%)



- Cyan (82%)
- Magenta (79%)
- Yellow (0%)
- Black (16%)



- Cyan (85%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280757718 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 4280757718 by changing the saturation by 10% instead.

 4280757718

 4280757718

4294967295

 4278195385

 4285947647

 4278190238

 4288051455

 4278190211

 4290155263

 4278190440

 4292193791

 4278192719

 4294232575

 4278191415

 4294960895

 4278190625

 4278190085

 4278190080

■ 4280757718

■ 4280757718

■ 4279376086

■ 4282139350

■ 4278192086

■ 4283586262

■ 4284967894

■ 4286415062

■ 4287796438

■ 4289178070

■ 4290625238

■ 4292006614

■ 4293453782

Harmonies

Analogous

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



4278212850



4280757718



4289331349

Triad

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



4280757718



4287766784



4278216020

Complementary

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



4280757718



4292268071

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.



4278215168



4280757718



4283780352

Square

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



4280757718



4290510848



4278213888



4278216612

Rectangle

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



4280757718



4291100769



4278213888



4278215735

Sweetspot

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



4280757718



4290757119



4280800973



4284046208



4278190080



4286611584

Same Dimension

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



4280757718



4278521599



4285933526



4284506475



4278191787



4278190379

Inverse Universe

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



4292224813



4294903054



4287092263



4285227105



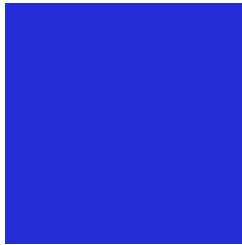
4289396742



4281008129

Previews

White Background



This preview shows how the Android color 4280757718 looks on a white background.

Color Contrast Check

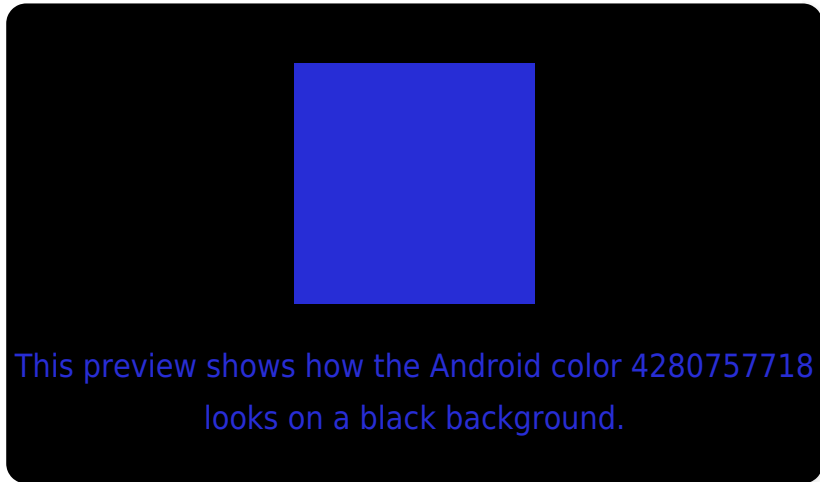
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280757718 Background



This preview shows how black text looks on a background with the Android color 4280757718.



This preview shows how white text looks on a background with the Android color 4280757718.

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
4280757718

Protanopia
4278208921

Deuteranopia
4278210178

Trichromacy



Original Color
4280757718

Protanomaly
4279123887

Deuteranomaly
4279124641

Tritanomaly
4279125638

Monochromacy



Original Color
4280757718

Achromatopsia
4282269246

Achromatomaly
4281743477

CSS Examples

Text

The CSS property to change the color of the text to Android 4280757718 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(39, 45, 214)` looks like.

```
.text, #text, p{  
    color:rgb(39, 45, 214)  
}
```

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(39, 45, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 45, 214) }
```

Border

The CSS property to change the border of an element to Android 4280757718 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(39, 45, 214) }
```

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

```
.border{ border-color:rgb(39, 45, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 45, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 45, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 45, 214);  
box-shadow:4px 4px 4px 4px rgb(39, 45,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4280757718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 45, 214) }
```

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

```
.background{ background-color: rgb(39, 45,  
214) }
```

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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