

Converting Colors

Android(4281872781)

Have a look what the booklet for
Android(4281872781) contains.

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Color

Android(4281872781)

Conversions

Conversions Part 1

Format	Color
Hex	38318D
RGB	56, 49, 141
RGB Percent	22%, 19%, 55%
CMY	0.7804, 0.8078, 0.4471
CMYK	0.60, 0.65, 0.00, 0.45
HSL	245°, 48%, 37%
HSV	245°, 65%, 55%
XYZ	7.5369, 4.9605, 25.7595
YIQ	61.5810, -25.3600, 30.0960

Conversions

Conversions Part 2

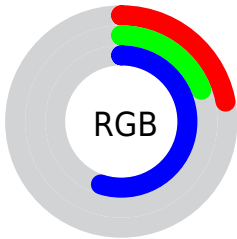
Format	Color
R_{YB}	56, 49, 141
Decimal	3682701
CIE _{Lab}	26.62, 31.10, -50.21
CIE _{LCh}	27, 59.059, 301.770
Yxy	4.9605, 0.1970, 0.1297
Android (android.graphics.Color)	4281872781 (0xFF38318D)
YUV	61.5810, 39.1536, -4.8945
Hunter-Lab	22.2721, 21.4285, -52.9833




Details

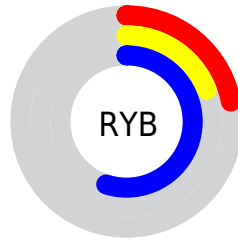
The Android color **4281872781** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287008049**, and the grayscale version is **4282203453**.




A 20% lighter version of the original color is **4285554883**, and **4278191962** is the 20% darker color. If you saturate the color by 10%, you get **4281017229**, and if you desaturate by 10%, it is **4282728333**.

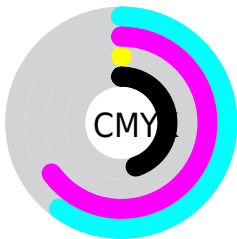
Distribution







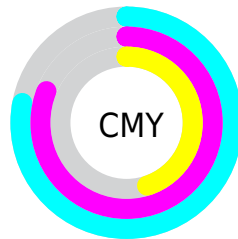
-  Red (22%)
-  Green (19%)
-  Blue (55%)






-  Red (22%)
-  Yellow (19%)
-  Blue (55%)



-  Cyan (60%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (78%)
-  Magenta (81%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281872781 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 4281872781 by changing the saturation by 10% instead.



4281872781



4281872781

4294967295



4279704435



4285554883



4278191962



4287396320



4278190146



4289238013



4278190890



4291079679



4278190357



4292987391



4278190080



4294960639



4281872781



4281872781



4281017229



4282728333

■ 4280161677

■ 4283583885

■ 4279306125

■ 4284439437

■ 4278911117

■ 4285294989

■ 4286150797

■ 4287006349

■ 4287861901

■ 4288717453

■ 4289573005

Harmonies

Analogous

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



4278207899



4281872781



4285794410

Triad

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



4281872781



4285409792



4278210625

Complementary

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



4281872781



4287008049

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.



4278210062



4281872781



4283186688

Square

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



4281872781



4286906386



4280043776



4278210926

Rectangle

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



4281872781



4286906445



4280043776



4278210609

Sweetspot

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



4281872781



4288058296



4281436045



4282861148



4292598747



4284243036

Same Dimension

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



4281872781



4281542840



4284821901



4282466375



4278845575



4278255624

Inverse Universe

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



4287443334



4290259117



4284058929



4282859591



4287037565



4278714375

Previews

White Background



This preview shows how the Android color 4281872781 looks on a white background.

Color Contrast Check

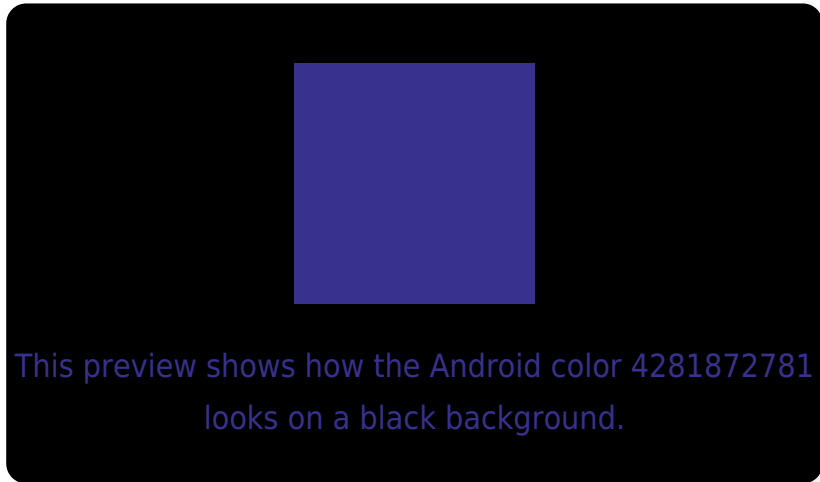
Large Text (above 18pt) WCAG AA ✓ Pass

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

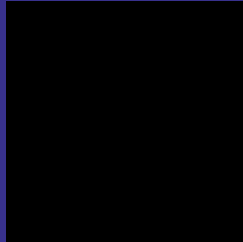
Any Text WCAG AA × Fail

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 4281872781 Background



This preview shows how black text looks on a background with the Android color 4281872781.



This preview shows how white text looks on a background with the Android color 4281872781.

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

4281872781

Protanopia

4278205825

Deuteranopia

4278206831

Trichromacy



Original Color
4281872781

Protanomaly
4279515525

Deuteranomaly
4279516026

Tritanomaly
4280565347

Monochromacy



Original Color
4281872781

Achromatopsia
4282269246

Achromatomaly
4282136923

CSS Examples

Text

The CSS property to change the color of the text to Android 4281872781 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(56, 49, 141)` looks like.

```
.text, #text, p{  
    color:rgb(56, 49, 141)  
}
```

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(56, 49, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 49, 141) }
```

Border

The CSS property to change the border of an element to Android 4281872781 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(56, 49, 141) }
```

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

```
.border{ border-color:rgb(56, 49, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 49, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 49, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 49, 141);  
box-shadow:4px 4px 4px 4px rgb(56, 49,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4281872781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 49, 141) }
```

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

```
.background{ background-color: rgb(56, 49,  
141) }
```

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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