

Converting Colors

Android(4281537740)

Have a look what the booklet for
Android(4281537740) contains.

Android(4281537740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281537740)

Conversions

Conversions Part 1

Format	Color
Hex	3314CC
RGB	51, 20, 204
RGB Percent	20%, 8%, 80%
CMY	0.8000, 0.9216, 0.2000
CMYK	0.75, 0.90, 0.00, 0.20
HSL	250°, 82%, 44%
HSV	250°, 90%, 80%
XYZ	12.5145, 5.5638, 57.5411
YIQ	50.2450, -40.5880, 63.7960

Conversions

Conversions Part 2

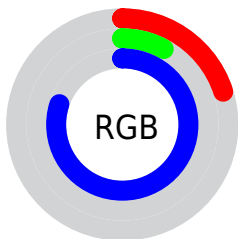
Format	Color
R _Y B	51, 20, 204
Decimal	3347660
CIE Lab	28.28, 63.49, -85.35
CIE LCh	28, 106.370, 306.645
Yxy	5.5638, 0.1655, 0.0736
Android (android.graphics.Color)	4281537740 (0xFF3314CC)
YUV	50.2450, 75.8012, 0.6621
Hunter-Lab	23.5876, 53.4254, -128.1244

Details

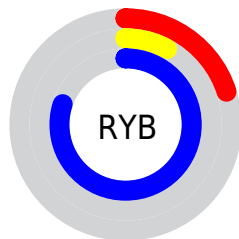
The Android color `4281537740` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4289580052`, and the grayscale version is `4281479730`.

A 20% lighter version of the original color is `4286270463`, and `4278190228` is the 20% darker color. If you saturate the color by 10%, you get `4280418508`, and if you desaturate by 10%, it is `4282656972`.

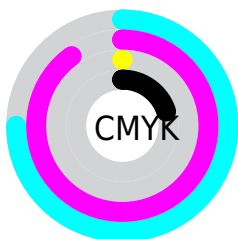
Distribution



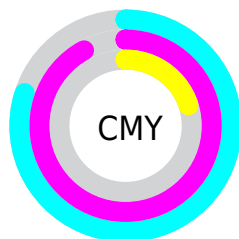
- Red (20%)
- Green (8%)
- Blue (80%)



- Red (20%)
- Yellow (8%)
- Blue (80%)



- Cyan (75%)
- Magenta (90%)
- Yellow (0%)
- Black (20%)





- Cyan (80%)
- Magenta (92%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281537740 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 4281537740 by changing the saturation by 10% instead.

 4281537740

 4281537740

4294967295

 4278190256

 4286270463

 4278190228

 4288374271

 4278190201

 4290412799

 4278191455

 4292451327

 4278192198

 4294555647


 4278191151


 4294956031

 4278190361

 4294963455

 4278190080

 4281537740

 4281537740

■ 4280418508

■ 4282656972

■ 4283776460

■ 4284895692

■ 4286015180

■ 4287134412

■ 4288253644

■ 4289373132

■ 4290492364

■ 4291611852

Harmonies

Analogous

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



4278210287



4281537740



4289200262

Triad

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



4281537740



4286782208



4278213460

Complementary

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



4281537740



4289580052

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.



4278212864



4281537740



4282533632

Square

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



4281537740



4289724416



4278211584



4278214310

Rectangle

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



4281537740



4290707536



4278211584



4278213175

Sweetspot

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



4281537740



4291214079



4279545292



4284372864



4278190080



4286611584

Same Dimension

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



4281537740



4281008383



4287567052



4284374118



4280025254



4278583334

Inverse Universe

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



4291564717



4294901972



4283550740



4284898404



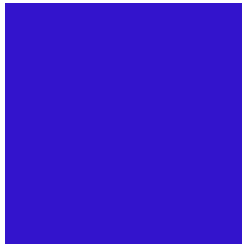
4289069194



4280680480

Previews

White Background



This preview shows how the Android color 4281537740 looks on a white background.

Color Contrast Check

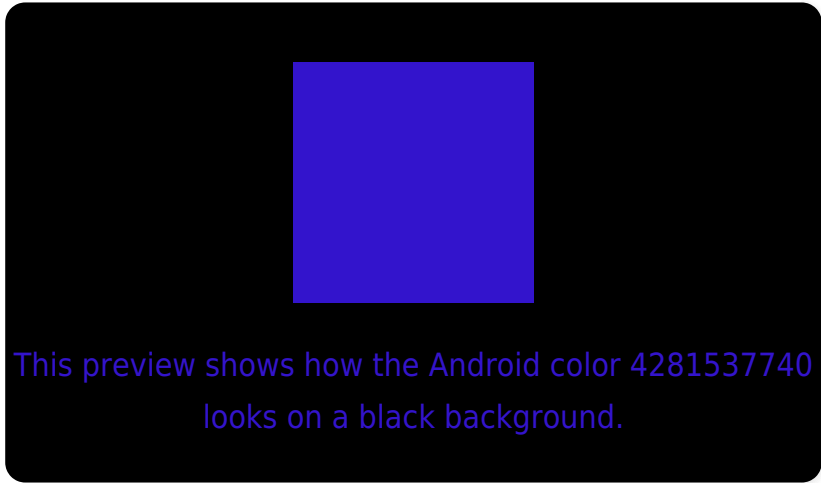
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281537740 Background



This preview shows how black text looks on a background with the Android color 4281537740.



This preview shows how white text looks on a background with the Android color 4281537740.

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
4281537740

Protanopia
4278206856

Deuteranopia
4278207860

Trichromacy



Original Color
4281537740

Protanomaly
4279447969

Deuteranomaly
4279448468

Tritanomaly
4279449468

Monochromacy



Original Color
4281537740

Achromatopsia
4281479730

Achromatomaly
4281476970

CSS Examples

Text

The CSS property to change the color of the text to Android 4281537740 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(51, 20, 204)` looks like.

```
.text, #text, p{  
    color:rgb(51, 20, 204)  
}
```

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(51, 20, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 20, 204) }
```

Border

The CSS property to change the border of an element to Android 4281537740 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(51, 20, 204) }
```

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

```
.border{ border-color:rgb(51, 20, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 20, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 20, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 20, 204);  
box-shadow:4px 4px 4px 4px rgb(51, 20,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4281537740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 20, 204) }
```

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

```
.background{ background-color: rgb(51, 20,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor