

Converting Colors

Android(4280813537)

Have a look what the booklet for
Android(4280813537) contains.

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Color

Android(4280813537)

Conversions

Conversions Part 1

Format	Color
Hex	2807E1
RGB	40, 7, 225
RGB Percent	16%, 3%, 88%
CMY	0.8431, 0.9725, 0.1176
CMYK	0.82, 0.97, 0.00, 0.12
HSL	249°, 94%, 45%
HSV	249°, 97%, 88%
XYZ	14.5417, 6.0393, 71.6334
YIQ	41.7190, -50.3100, 74.7940

Conversions

Conversions Part 2

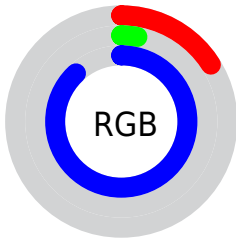
Format	Color
R_{YB}	40, 7, 225
Decimal	2623457
CIE _{Lab}	29.51, 71.25, -95.48
CIE _{LCh}	30, 119.133, 306.732
Yxy	6.0393, 0.1577, 0.0655
Android (android.graphics.Color)	4280813537 (0xFF2807E1)
YUV	41.7190, 90.3575, -1.5076
Hunter-Lab	24.5750, 62.6166, -155.6212

Details

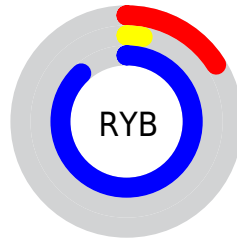
The Android color `4280813537` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4290830599`, and the grayscale version is `4280887593`.

A 20% lighter version of the original color is `4286269439`, and `4278190248` is the 20% darker color. If you saturate the color by 10%, you get `4280418529`, and if you desaturate by 10%, it is `4282064609`.

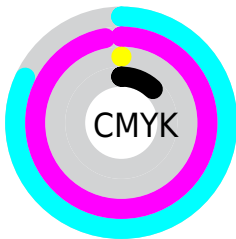
Distribution



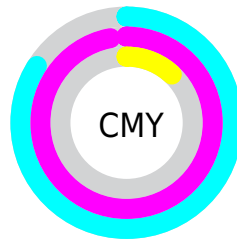
- Red (16%)
- Green (3%)
- Blue (88%)



- Red (16%)
- Yellow (3%)
- Blue (88%)



- Cyan (82%)
- Magenta (97%)
- Yellow (0%)
- Black (12%)



- Cyan (84%)
- Magenta (97%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280813537 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 4280813537 by changing the saturation by 10% instead.



4280813537



4280813537

4294967295



4278190276



4286269439



4278190248



4288439039



4278190220



4290608639



4278190450



4292712959



4278193240



4294817279



4278191935



4294955519



4278190889



4294962943



4278190354



4278190080

■ 4280813537

■ 4280813537

■ 4280418529

■ 4282064609

■ 4283315425

■ 4284566497

■ 4285817313

■ 4287068129

■ 4288384737

■ 4289635809

■ 4290886625

■ 4292137697

Harmonies

Analogous

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



4278211839



4280813537



4290183313

Triad

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



4280813537



4287370496



4278214490

Complementary

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



4280813537



4290830599

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.



4278213888



4280813537



4282599936

Square

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



4280813537



4290707456



4278212864



4278215607

Rectangle

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



4280813537



4291887189



4278212864



4278214457

Sweetspot

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



4280813537



4290819583



4278698209



4284109696



4278190080



4286611584

Same Dimension

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



4280813537



4280746239



4287956961



4284966256



4279959728



4278648880

Inverse Universe

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



4292937664



4294901976



4283687175



4285556079



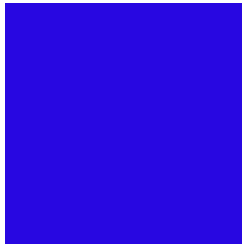
4289724565



4281335849

Previews

White Background



This preview shows how the Android color 4280813537 looks on a white background.

Color Contrast Check

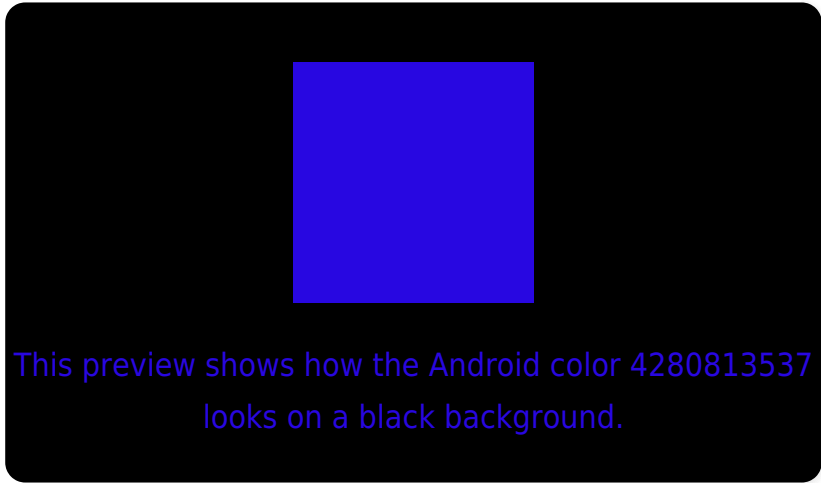
Large Text (above 18pt) WCAG AA ✓ Pass

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

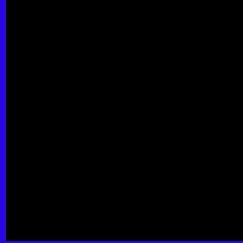
Any Text WCAG AA × Fail

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 4280813537 Background



This preview shows how black text looks on a background with the Android color 4280813537.



This preview shows how white text looks on a background with the Android color 4280813537.

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
4280813537

Protanopia
4278207630

Deuteranopia
4278208889

Trichromacy



Original Color
4280813537

Protanomaly
4279185068

Deuteranomaly
4279185823

Tritanomaly
4279186566

Monochromacy



Original Color
4280813537

Achromatopsia
4280953386

Achromatomaly
4280884589

CSS Examples

Text

The CSS property to change the color of the text to Android 4280813537 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(40, 7, 225)` looks like.

```
.text, #text, p{  
    color:rgb(40, 7, 225)  
}
```

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(40, 7, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 7, 225) }
```

Border

The CSS property to change the border of an element to Android 4280813537 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(40, 7, 225) }
```

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

```
.border{ border-color:rgb(40, 7, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 7, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 7, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 7, 225);  
box-shadow:4px 4px 4px 4px rgb(40, 7, 225)  
}
```

Background

The CSS property to change the background color of an element to Android 4280813537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 7, 225) }
```

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

```
.background{ background-color: rgb(40, 7,  
225) }
```

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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