

Converting Colors

Android(4280356848)

Have a look what the booklet for
Android(4280356848) contains.

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Color

Android(4280356848)

Conversions

Conversions Part 1

Format	Color
Hex	210FF0
RGB	33, 15, 240
RGB Percent	13%, 6%, 94%
CMY	0.8706, 0.9412, 0.0588
CMYK	0.86, 0.94, 0.00, 0.06
HSL	245°, 88%, 50%
HSV	245°, 94%, 94%
XYZ	16.5262, 6.9563, 82.9097
YIQ	46.0320, -61.4970, 73.7910

Conversions

Conversions Part 2

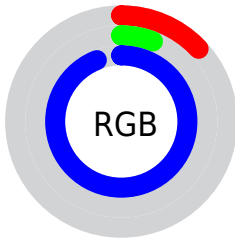
Format	Color
R _Y B	33, 15, 240
Decimal	2166768
CIE Lab	31.71, 73.44, -100.38
CIE LCh	32, 124.374, 306.189
Yxy	6.9563, 0.1553, 0.0654
Android (android.graphics.Color)	4280356848 (0xFF210FF0)
YUV	46.0320, 95.6262, -11.4291
Hunter-Lab	26.3747, 65.6911, -167.9177




Details

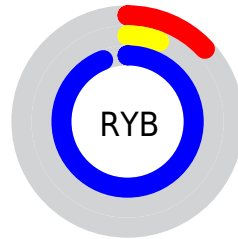
The Android color `4280356848` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark saturated blue. A complement of this color would be `4292800527`, and the grayscale version is `4281150765`.




A 20% lighter version of the original color is `4286336255`, and `4278190262` is the 20% darker color. If you saturate the color by 10%, you get `4279435504`, and if you desaturate by 10%, it is `4281804784`.

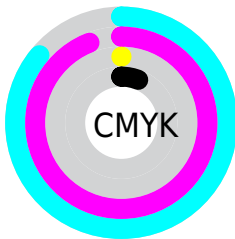
Distribution







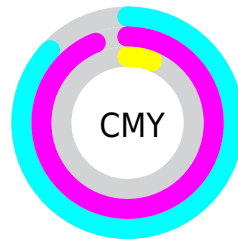
-  Red (13%)
-  Green (6%)
-  Blue (94%)






-  Red (13%)
-  Yellow (6%)
-  Blue (94%)



-  Cyan (86%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (6%)



-  Cyan (87%)
-  Magenta (94%)
-  Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280356848 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 4280356848 by changing the saturation by 10% instead.

 4280356848

 4280356848

4294967295

 4278190291

 4286336255

 4278190262

 4288571391

 4278190234

 4290740991

 4278190207

 4292910591

 4278194277

 4294949631

 4278192460

 4294956799

 4278191156

 4294964223

 4278190622

 4278190080

■ 4280356848

■ 4280356848

■ 4279435504

■ 4281804784

■ 4283252720

■ 4284700656

■ 4286148592

■ 4287596528

■ 4289044464

■ 4290557936

■ 4292005872

■ 4293453808

Harmonies

Analogous

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



4278213375



4280356848



4290904220

Triad

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



4280356848



4288025600



4278216286

Complementary

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



4280356848



4292800527

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.



4278215424



4280356848



4283059968

Square

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



4280356848



4291493888



4278214400



4278217408

Rectangle

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



4280356848



4292673628



4278214400



4278215995

Sweetspot

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



4280356848



4290623743



4279230960



4283978880



4278190080



4286611584

Same Dimension

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



4280356848



4279501055



4287500272



4285361272



4279173304



4278452280

Inverse Universe

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



4293922782



4294901995



4285591567



4286082167



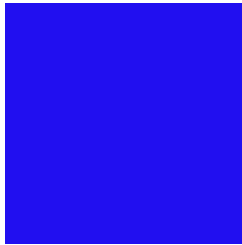
4290248873



4281860148

Previews

White Background



This preview shows how the Android color 4280356848 looks on a white background.

Color Contrast Check

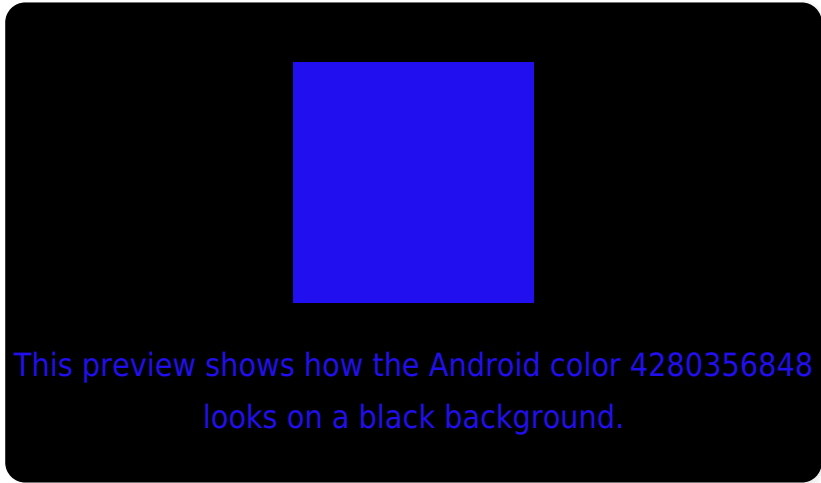
Large Text (above 18pt) WCAG AA ✓ Pass

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

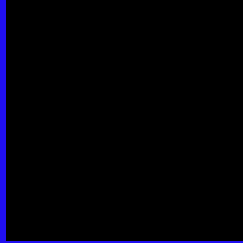
Any Text WCAG AA × Fail

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 4280356848 Background



This preview shows how black text looks on a background with the Android color 4280356848.



This preview shows how white text looks on a background with the Android color 4280356848.

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

4280356848

Protanopia

4278208663

Deuteranopia

4278209920

Trichromacy



Original Color

4280356848

Protanomaly

4278989751

Deuteranomaly

4278990505

Tritanomaly

4278991503

Monochromacy



Original Color

4280356848

Achromatopsia

4281216558

Achromatomaly

4280886133

CSS Examples

Text

The CSS property to change the color of the text to Android 4280356848 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(33, 15, 240)` looks like.

```
.text, #text, p{  
    color:rgb(33, 15, 240)  
}
```

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(33, 15, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 15, 240) }
```

Border

The CSS property to change the border of an element to Android 4280356848 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(33, 15, 240) }
```

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

```
.border{ border-color:rgb(33, 15, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 15, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 15, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 15, 240);  
box-shadow:4px 4px 4px 4px rgb(33, 15,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4280356848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 15, 240) }
```

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

```
.background{ background-color: rgb(33, 15,  
240) }
```

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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