

Converting Colors

Android(4287771856)

Have a look what the booklet for
Android(4287771856) contains.

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Color

Android(4287771856)

Conversions

Conversions Part 1

Format	Color
Hex	9234D0
RGB	146, 52, 208
RGB Percent	57%, 20%, 82%
CMY	0.4275, 0.7961, 0.1843
CMYK	0.30, 0.75, 0.00, 0.18
HSL	276°, 62%, 51%
HSV	276°, 75%, 82%
XYZ	24.4672, 13.1210, 60.9176
YIQ	97.8900, 5.9480, 68.4440

Conversions

Conversions Part 2

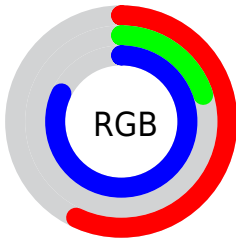
Format	Color
R_{YB}	146, 52, 208
Decimal	9581776
CIE _{Lab}	42.95, 63.99, -63.17
CIE _{LCh}	43, 89.921, 315.371
Yxy	13.1210, 0.2484, 0.1332
Android (android.graphics.Color)	4287771856 (0xFF9234D0)
YUV	97.8900, 54.2842, 42.1925
Hunter-Lab	36.2230, 57.1796, -74.3542

Details

The Android color `4287771856` is a dark color, and the websafe version is hex `9933CC`. The color can be described as middle muted purple. A complement of this color would be `4285714484`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4291587327`, and `4284022936` is the 20% darker color. If you saturate the color by 10%, you get `4287242192`, and if you desaturate by 10%, it is `4288301520`.

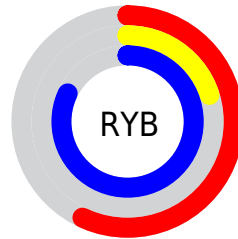
Distribution



Red (57%)

Green (20%)

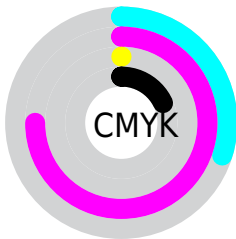
Blue (82%)



Red (57%)

Yellow (20%)

Blue (82%)

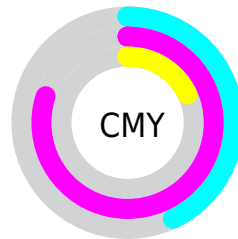


Cyan (30%)

Magenta (75%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (80%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287771856 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 4287771856 by changing the saturation by 10% instead.

 4287771856

 4287771856

4294967295

 4285862580

 4291587327

 4284022936

 4293560319

 4282056830

 4294943743

 4280025188

 4294950911

 4278190155

 4294958335

 4278191155

 4294966015

 4278190621

 4278190080

 4287771856

 4287771856

■ 4287242192

■ 4288301520

■ 4286646992

■ 4288896720

■ 4286382288

■ 4289426128

■ 4289955792

■ 4290485456

■ 4291080656

■ 4291610320

■ 4292139728

■ 4292669392

Harmonies

Analogous

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



4278215673



4287771856



4291952781

Triad

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



4287771856



4288238848



4278223499

Complementary

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



4287771856



4285714484

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.



4278222908



4287771856



4284050944

Square

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



4287771856



4291369728



4278221312



4278223312

Rectangle

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



4287771856



4292870236



4278221312



4278223218

Sweetspot

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



4287771856



4293444863



4281627344



4285619328



4278190080



4286611584

Same Dimension

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



4287771856



4288944639



4291835072



4284767849



4284809384



4279828521

Inverse Universe

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



4291834994



4294908277



4281651268



4285095522



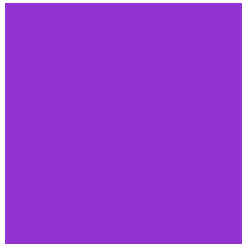
4289200195



4280877072

Previews

White Background



This preview shows how the Android color 4287771856 looks on a white background.

Color Contrast Check

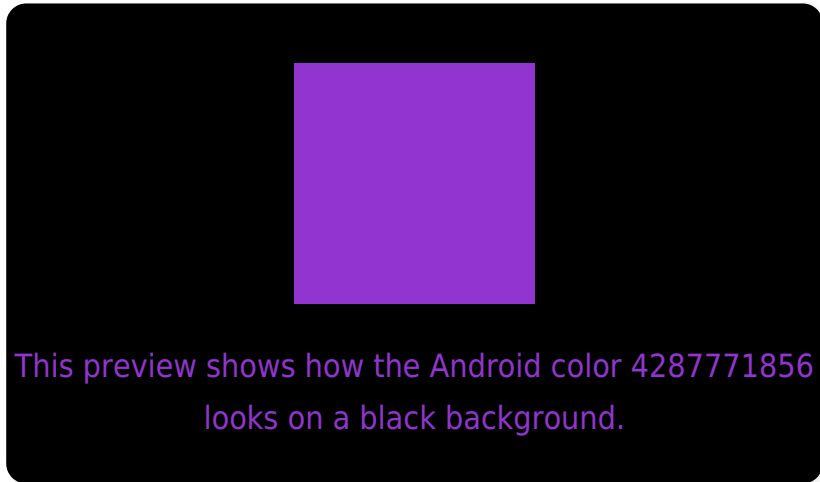
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4287771856 Background



This preview shows how black text looks on a background with the Android color 4287771856.



This preview shows how white text looks on a background with the Android color 4287771856.

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

4287771856

Protanopia

4278215376

Deuteranopia

4278216885

Trichromacy



Original Color

4287771856



Protanomaly

4281684432



Deuteranomaly

4281685439



Tritanomaly

4286991755

Monochromacy



Original Color

4287771856



Achromatopsia

4284637794



Achromatomaly

4285747594

CSS Examples

Text

The CSS property to change the color of the text to Android 4287771856 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(146, 52, 208)` looks like.

```
.text, #text, p{  
    color:rgb(146, 52, 208)  
}
```

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(146, 52, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 52, 208) }
```

Border

The CSS property to change the border of an element to Android 4287771856 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(146, 52, 208) }
```

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

```
.border{ border-color:rgb(146, 52, 208) }
```

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

Here you see how a box with a 4 pixel rgb(146, 52, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 52, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 52, 208);  
box-shadow:4px 4px 4px 4px rgb(146, 52,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4287771856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 52, 208) }
```

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

```
.background{ background-color: rgb(146, 52,  
208) }
```

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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