

Converting Colors

Android(4286933729)

Have a look what the booklet for
Android(4286933729) contains.

Android(4286933729)	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(4286933729)

Conversions

Conversions Part 1

Format	Color
Hex	856AE1
RGB	133, 106, 225
RGB Percent	52%, 42%, 88%
CMY	0.4784, 0.5843, 0.1176
CMYK	0.41, 0.53, 0.00, 0.12
HSL	254°, 66%, 65%
HSV	254°, 53%, 88%
XYZ	28.4175, 20.7309, 73.7379
YIQ	127.6390, -22.1070, 42.7330

Conversions

Conversions Part 2

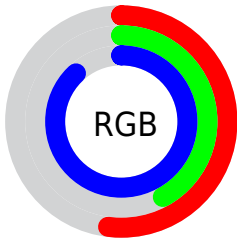
Format	Color
RYB	133, 106, 225
Decimal	8743649
CIELab	52.65, 38.42, -57.26
CIELCh	53, 68.958, 303.856
Yxy	20.7309, 0.2313, 0.1687
Android (android.graphics.Color)	4286933729 (0xFF856AE1)
YUV	127.6390, 47.9990, 4.7016
Hunter-Lab	45.5312, 31.7283, -64.1486

Details

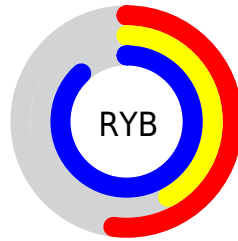
The Android color `4286933729` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4291223914`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4290682623`, and `4283185833` is the 20% darker color. If you saturate the color by 10%, you get `4285813985`, and if you desaturate by 10%, it is `4288053729`.

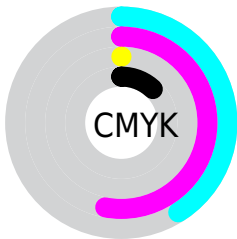
Distribution



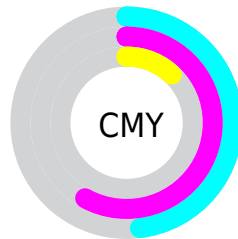
- Red (52%)
- Green (42%)
- Blue (88%)



- Red (52%)
- Yellow (42%)
- Blue (88%)



- Cyan (41%)
- Magenta (53%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286933729 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 4286933729 by changing the saturation by 10% instead.

 4286933729

 4286933729

4294967295

 4285092293

 4290682623

 4283185833

 4292655615

 4281148302

 4294563327

 4278193524

 4294963967

 4278190170

 4278190658

 4278190891

 4278190357

 4278190080

■ 4286933729

■ 4286933729

■ 4285813985

■ 4288053729

■ 4284628449

■ 4289239009

■ 4283508705

■ 4290358753

■ 4282323169

■ 4291544289

■ 4281532641

■ 4292664289

■ 4293784033

■ 4294967265

Harmonies

Analogous

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



4278223861



4286933729



4291382195

Triad

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



4286933729



4290799104



4278229124

Complementary

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



4286933729



4291223914

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.



4278228038



4286933729



4287725056

Square

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



4286933729



4292757823



4283665664



4278228926

Rectangle

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



4286933729



4292819852



4283665664



4278228847

Sweetspot

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



4286933729



4292859647



4285188065



4285360000



4278190080



4286611584

Same Dimension

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



4286933729



4286799615



4290734817



4285031792



4280811696



4278911024

Inverse Universe

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



4292963014



4294926043



4287422826



4285556078



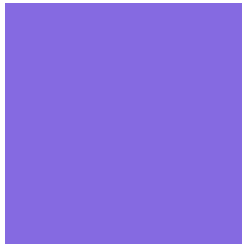
4289724552



4281335845

Previews

White Background



This preview shows how the Android color 4286933729 looks on a white background.

Color Contrast Check

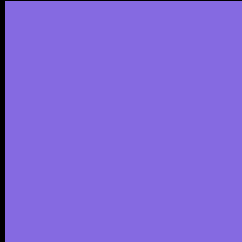
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4286933729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

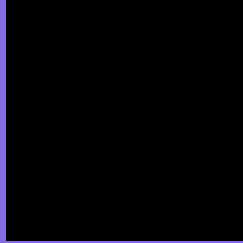
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286933729 Background



This preview shows how black text looks on a background with the Android color 4286933729.



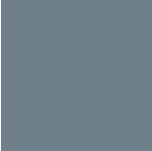
This preview shows how white text looks on a background with the Android color 4286933729.

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





Tritanopia
4285563018

Trichromacy



Original Color

4286933729



Protanomaly

4283790571



Deuteranomaly

4283267038



Tritanomaly

4286085290

Monochromacy



Original Color

4286933729



Achromatopsia

4286611584



Achromatomaly

4286740643

CSS Examples

Text

The CSS property to change the color of the text to Android 4286933729 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(133, 106, 225)` looks like.

```
.text, #text, p{  
    color:rgb(133, 106, 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(133, 106, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 106, 225) }
```

Border

The CSS property to change the border of an element to Android 4286933729 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(133, 106, 225) }
```

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

```
.border{ border-color:rgb(133, 106, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 106, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 106, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 106, 225); box-shadow:4px 4px 4px 4px rgb(133, 106, 225) }
```

Background

The CSS property to change the background color of an element to Android 4286933729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 106, 225) }
```

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

```
.background{ background-color: rgb(133,  
106, 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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