

Converting Colors

Android(4286932136)

Have a look what the booklet for
Android(4286932136) contains.

| | |
|--|----|
| Android(4286932136) | 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(4286932136)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8564A8 |
| RGB | 133, 100, 168 |
| RGB Percent | 52%, 39%, 66% |
| CMY | 0.4784, 0.6078, 0.3412 |
| CMYK | 0.21, 0.40, 0.00, 0.34 |
| HSL | 269°, 28%, 53% |
| HSV | 269°, 40%, 66% |
| XYZ | 21.2979, 16.9280, 39.1907 |
| YIQ | 117.6190, -2.1600, 28.1440 |

Conversions

Conversions Part 2

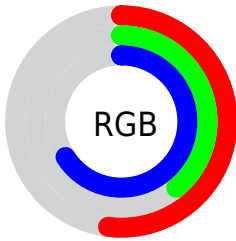
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 133, 100, 168 |
| Decimal | 8742056 |
| CIE _{Lab} | 48.17, 27.10, -31.63 |
| CIE _{LCh} | 48, 41.654, 310.592 |
| Yxy | 16.9280, 0.2751, 0.2187 |
| Android (android.graphics.Color) | 4286932136 (0xFF8564A8) |
| YUV | 117.6190, 24.8378, 13.4891 |
| Hunter-Lab | 41.1437, 20.3985, -27.6750 |

Details

The Android color **4286932136** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4287080548**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4290484191**, and **4283577460** is the 20% darker color. If you saturate the color by 10%, you get **4286337960**, and if you desaturate by 10%, it is **4287526312**.

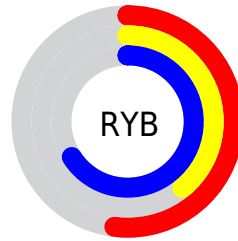
Distribution



Red (52%)

Green (39%)

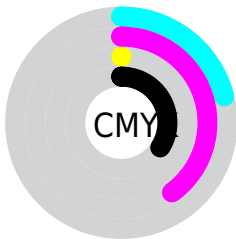
Blue (66%)



Red (52%)

Yellow (39%)

Blue (66%)

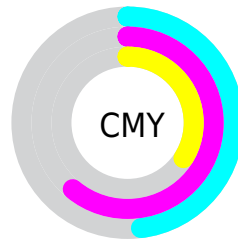


Cyan (21%)

Magenta (40%)

Yellow (0%)

Black (34%)



Cyan (48%)

Magenta (61%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286932136 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 4286932136 by changing the saturation by 10% instead.

 4286932136

 4286932136

4294967295

 4285222029

 4290484191

 4283577460

 4292326140

 4281933403

 4294233855

 4280354883

 4294961919

 4278911020

 4278190359

 4278190080

 4286932136

 4286932136

 4286337960

 4287526312

4285809320

4288054952

4285215400

4288648872

4284621224

4289243048

4284092584

4289771688

4283564200

4290365864

4290960040

4291488424

4292082600

Harmonies

Analogous

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



4283069111



4286932136



4289157003

Triad

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



4286932136



4288243759



4278223998

Complementary

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



4286932136



4287080548

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.



4279599706



4286932136



4286215209

Square

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



4286932136



4289616710



4283727162



4278223519

Rectangle

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



4286932136



4289877107



4283727162



4278223986

Sweetspot

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



4286932136



4291740123



4284778408



4284898926



4293783021



4285427310

Same Dimension

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



4286932136



4288966875



4289160360



4283452500



4282908820



4278845460

Inverse Universe

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



4289225863



4292571303



4284852324



4283714640



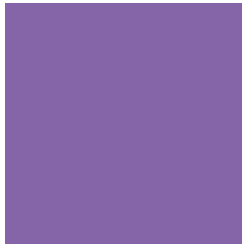
4287889484



4279500811

Previews

White Background



This preview shows how the Android color 4286932136 looks on a white background.

Color Contrast Check

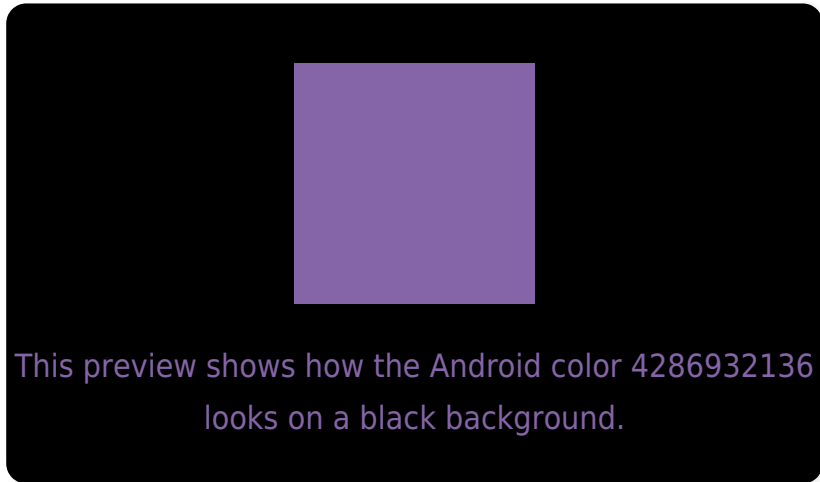
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286932136 Background



This preview shows how black text looks on a background with the Android color 4286932136.




This preview shows how white text looks on a background with the Android color 4286932136.

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
4286410615

Trichromacy



Original Color
4286932136

Protanomaly
4285164718

Deuteranomaly
4285296038

Tritanomaly
4286606217

Monochromacy



Original Color
4286932136

Achromatopsia
4285953654

Achromatomaly
4286279560

CSS Examples

Text

The CSS property to change the color of the text to Android 4286932136 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, 100, 168)` looks like.

```
.text, #text, p{  
    color:rgb(133, 100, 168)  
}
```

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, 100, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 100, 168) }
```

Border

The CSS property to change the border of an element to Android 4286932136 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, 100, 168) }
```

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

```
.border{ border-color:rgb(133, 100, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 100, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 100, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 100, 168);  
box-shadow:4px 4px 4px 4px rgb(133, 100,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4286932136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 100, 168) }
```

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

```
.background{ background-color: rgb(133,  
100, 168) }
```

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