

Converting Colors

Android(4287644806)

Have a look what the booklet for
Android(4287644806) contains.

Android(4287644806)	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(4287644806)

Conversions

Conversions Part 1

Format	Color
Hex	904486
RGB	144, 68, 134
RGB Percent	56%, 27%, 53%
CMY	0.4353, 0.7333, 0.4745
CMYK	0.00, 0.53, 0.07, 0.44
HSL	308°, 36%, 42%
HSV	308°, 53%, 56%
XYZ	17.8718, 11.7848, 23.8870
YIQ	98.2480, 24.1100, 36.6380

Conversions

Conversions Part 2

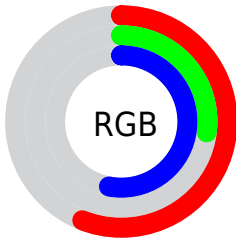
Format	Color
R_{YB}	144, 68, 134
Decimal	9454726
CIE _{Lab}	40.87, 41.31, -22.57
CIE _{LCh}	41, 47.073, 331.352
Yxy	11.7848, 0.3338, 0.2201
Android (android.graphics.Color)	4287644806 (0xFF904486)
YUV	98.2480, 17.6257, 40.1245
Hunter-Lab	34.3289, 32.8522, -17.2253

Details

The Android color **4287644806** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4282683470**, and the grayscale version is **4284637794**.

A 20% lighter version of the original color is **4291327931**, and **4284157780** is the 20% darker color. If you saturate the color by 10%, you get **4287641220**, and if you desaturate by 10%, it is **4287648392**.

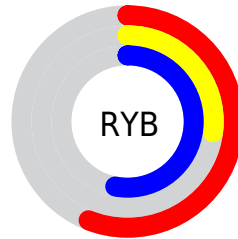
Distribution



Red (56%)

Green (27%)

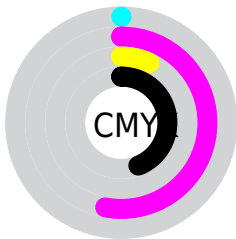
Blue (53%)



Red (56%)

Yellow (27%)

Blue (53%)

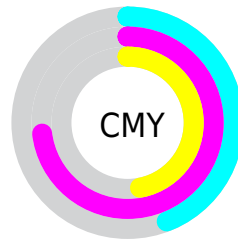


Cyan (0%)

Magenta (53%)

Yellow (7%)

Black (44%)



Cyan (44%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287644806 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 4287644806 by changing the saturation by 10% instead.



4287644806



4287644806

4294967295



4285868909



4291327931



4284157780



4293169879



4282515517



4294946292



4281073703



4294953471



4278190096



4294960895



4278190080



4287644806



4287644806



4287641220



4287648392



4287637378



4287652234

 4287633792

 4287655820

 4287629950

 4287659662

 4287627389

 4287663247

 4287666833

 4287670675

 4287674261

 4287678103

Harmonies

Analogous

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



4284634531



4287644806



4288952928

Triad

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



4287644806



4285685508



4278219400

Complementary

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



4287644806



4282683470

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.



4278219361



4287644806



4283132439

Square

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



4287644806



4287647770



4278218809



4278218404

Rectangle

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



4287644806



4289019207



4278218809



4278219387

Sweetspot

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



4287644806



4290419894



4283253904



4284370012



4292796126



4284374622

Same Dimension

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



4287644806



4290397611



4287644769



4282859590



4287037557



4278714375

Inverse Universe

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



4287644806



4290397611



4282683507



4282859590



4287037557



4278714375

Previews

White Background



This preview shows how the Android color 4287644806 looks on a white background.

Color Contrast Check

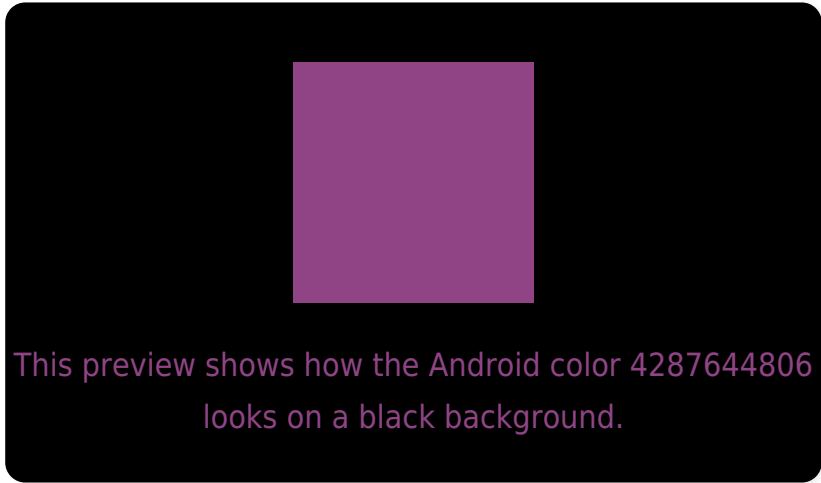
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287644806 Background



This preview shows how black text looks on a background with the Android color 4287644806.



This preview shows how white text looks on a background with the Android color 4287644806.

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
4287644806

Protanopia
4282998684

Deuteranopia
4283981697

Trichromacy



Original Color
4287644806

Protanomaly
4284700052

Deuteranomaly
4285289859

Tritanomaly
4287384679

Monochromacy



Original Color
4287644806

Achromatopsia
4284637794

Achromatomaly
4285749103

CSS Examples

Text

The CSS property to change the color of the text to Android 4287644806 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(144, 68, 134)` looks like.

```
.text, #text, p{  
    color:rgb(144, 68, 134)  
}
```

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(144, 68, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 68, 134) }
```

Border

The CSS property to change the border of an element to Android 4287644806 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(144, 68, 134) }
```

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

```
.border{ border-color:rgb(144, 68, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 68, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 68, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 68, 134);  
box-shadow:4px 4px 4px 4px rgb(144, 68,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4287644806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 68, 134) }
```

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

```
.background{ background-color: rgb(144, 68,  
134) }
```

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