

Converting Colors

Android(4286810797)

Have a look what the booklet for
Android(4286810797) contains.

Android(4286810797)	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(4286810797)

Conversions

Conversions Part 1

Format	Color
Hex	838AAD
RGB	131, 138, 173
RGB Percent	51%, 54%, 68%
CMY	0.4863, 0.4588, 0.3216
CMYK	0.24, 0.20, 0.00, 0.32
HSL	230°, 20%, 60%
HSV	230°, 24%, 68%
XYZ	25.9914, 26.0194, 43.1875
YIQ	139.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

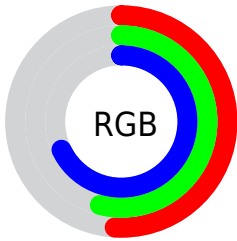
Format	Color
R_{YB}	131, 137, 173
Decimal	8620717
CIE _{Lab}	58.06, 5.33, -19.27
CIE _{LCh}	58, 19.991, 285.477
Yxy	26.0194, 0.2730, 0.2733
Android (android.graphics.Color)	4286810797 (0xFF838AAD)
YUV	139.8970, 16.3198, -7.8027
Hunter-Lab	51.0092, 1.6873, -14.4921

Details

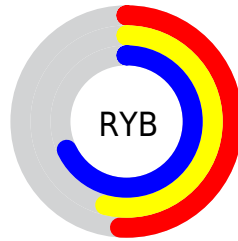
The Android color `4286810797` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4289570435`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4290363365`, and `4283521145` is the 20% darker color. If you saturate the color by 10%, you get `4285693101`, and if you desaturate by 10%, it is `4287928493`.

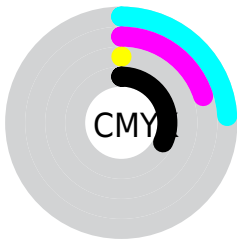
Distribution



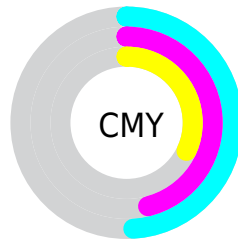
- Red (51%)
- Green (54%)
- Blue (68%)



- Red (51%)
- Yellow (54%)
- Blue (68%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286810797 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 4286810797 by changing the saturation by 10% instead.

 4286810797

 4286810797

4294967295

 4285100434

 4290363365

 4283521145

 4292140031

 4281942368

 4294047999

 4280429384

 4278851377

 4278190620

 4278190080

 4286810797

 4286810797

 4285693101

 4287928493

■ 4284509613

■ 4289111981

■ 4283391917

■ 4290229677

■ 4282273965

■ 4291347629

■ 4281090733

■ 4292530861

■ 4279973037

■ 4293648557

■ 4278855085

■ 4294766509

■ 4278197677

■ 4294966701

■ 4294967213

Harmonies

Analogous

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



4285305005



4286810797



4288251044

Triad

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



4286810797



4289495667



4285044098

Complementary

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



4286810797



4289570435

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.



4286288499



4286810797



4288710506

Square

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



4286810797



4289691523



4287597930



4284192148

Rectangle

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



4286810797



4289036698



4287597930



4285437052

Sweetspot

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



4286810797



4291941344



4286819750



4284967280



4293980400



4285558896

Same Dimension

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



4286810797



4288654048



4287726509



4283322199



4278196630



4278191127

Inverse Universe

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



4289561482



4292911018



4288654723



4283911759



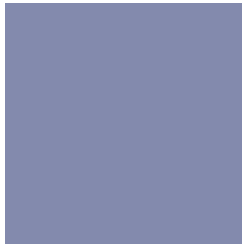
4288020505



4279697412

Previews

White Background



This preview shows how the Android color 4286810797 looks on a white background.

Color Contrast Check

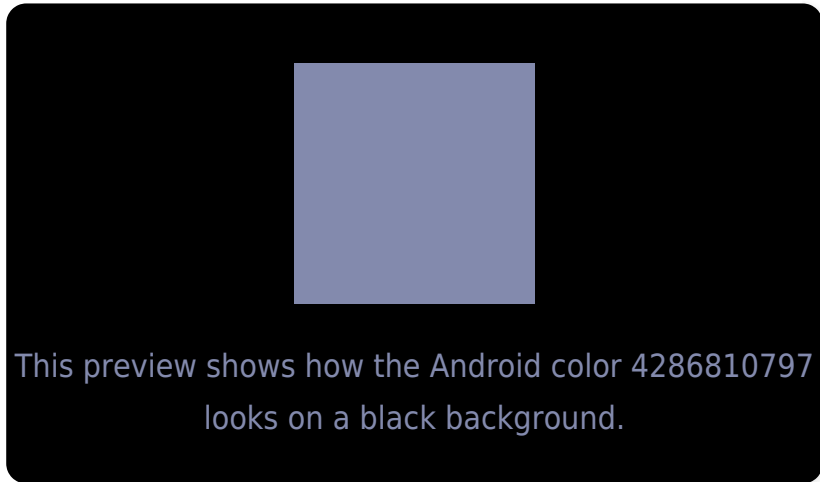
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

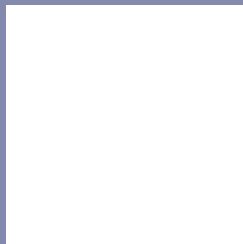
Any Text WCAG AAA × Fail

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

Android 4286810797 Background



This preview shows how black text looks on a background with the Android color 4286810797.



This preview shows how white text looks on a background with the Android color 4286810797.

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
4286810797

Protanopia
4286810797

Deuteranopia
4287138221

Trichromacy



Original Color
4286810797

Protanomaly
4286810797

Deuteranomaly
4287007149

Tritanomaly
4286614944

Monochromacy



Original Color
4286810797

Achromatopsia
4287401100

Achromatomaly
4287204248

CSS Examples

Text

The CSS property to change the color of the text to Android 4286810797 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(131, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(131, 138, 173)  
}
```

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(131, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 138, 173) }
```

Border

The CSS property to change the border of an element to Android 4286810797 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(131, 138, 173) }
```

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

```
.border{ border-color:rgb(131, 138, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 138, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 138, 173); box-shadow:4px 4px 4px 4px rgb(131, 138, 173) }
```

Background

The CSS property to change the background color of an element to Android 4286810797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 138, 173) }
```

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

```
.background{ background-color: rgb(131,  
138, 173) }
```

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