

Converting Colors

Android(4287194793)

Have a look what the booklet for
Android(4287194793) contains.

Android(4287194793)	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(4287194793)

Conversions

Conversions Part 1

Format	Color
Hex	8966A9
RGB	137, 102, 169
RGB Percent	54%, 40%, 66%
CMY	0.4627, 0.6000, 0.3373
CMYK	0.19, 0.40, 0.00, 0.34
HSL	271°, 28%, 53%
HSV	271°, 40%, 66%
XYZ	22.2293, 17.6857, 39.7782
YIQ	120.1030, -0.6470, 28.2570

Conversions

Conversions Part 2

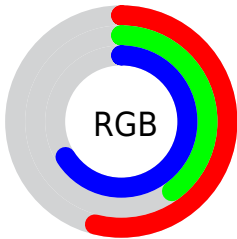
Format	Color
R_{YB}	137, 102, 169
Decimal	9004713
CIE _{Lab}	49.11, 27.40, -30.71
CIE _{LCh}	49, 41.158, 311.739
Yxy	17.6857, 0.2789, 0.2219
Android (android.graphics.Color)	4287194793 (0xFF8966A9)
YUV	120.1030, 24.1062, 14.8187
Hunter-Lab	42.0543, 20.7575, -26.6429

Details

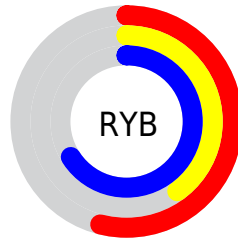
The Android color `4287194793` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4287015270`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4290747105`, and `4283840117` is the 20% darker color. If you saturate the color by 10%, you get `4286666153`, and if you desaturate by 10%, it is `4287723433`.

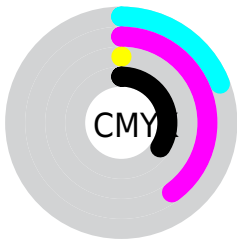
Distribution



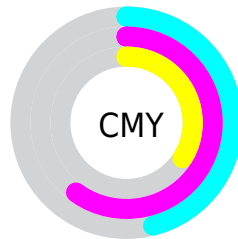
- Red (54%)
- Green (40%)
- Blue (66%)



- Red (54%)
- Yellow (40%)
- Blue (66%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287194793 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 4287194793 by changing the saturation by 10% instead.

■ 4287194793

■ 4287194793

4294967295

■ 4285484686

■ 4290747105

■ 4283840117

■ 4292654589

■ 4282196060

■ 4294562047

■ 4280617540

■ 4294962687

■ 4279369773

■ 4278190359

■ 4278190080

■ 4287194793

■ 4287194793

■ 4286666153

■ 4287723433

4286137513

4288252073

4285608873

4288780713

4285080233

4289309353

4284551593

4289837737

4284023209

4290366377

4283957417

4290960553

4291489193

4292017833

Harmonies

Analogous

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



4283528377



4287194793



4289354379

Triad

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



4287194793



4288310065



4278224514

Complementary

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



4287194793



4287015270

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.



4279797086



4287194793



4286347053

Square

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



4287194793



4289683016



4283793470



4278224034

Rectangle

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



4287194793



4290008692



4283793470



4278224502

Sweetspot

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



4287194793



4291805659



4284909225



4284898926



4293783021



4285427310

Same Dimension

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



4287194793



4289295067



4289291944



4283452500



4283236500



4278910996

Inverse Universe

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



4289291910



4292571812



4284918119



4283714640



4287889479



4279500810

Previews

White Background



This preview shows how the Android color 4287194793 looks on a white background.

Color Contrast Check

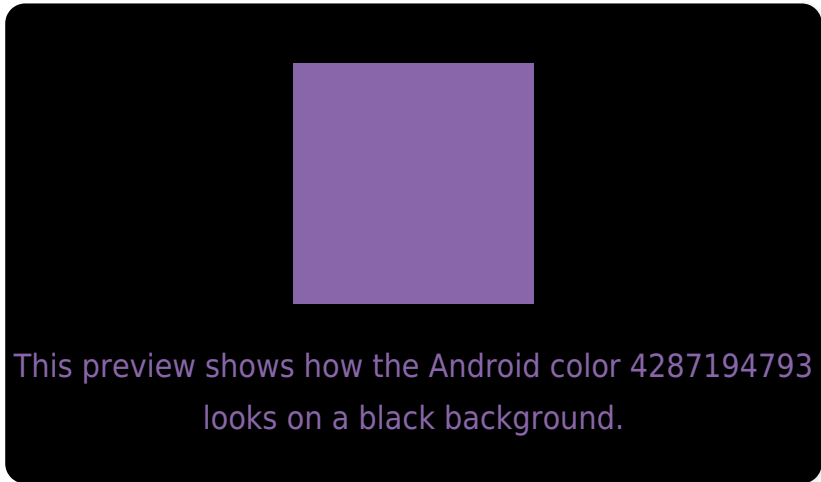
Large Text (above 18pt) WCAG AA ✓ Pass

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

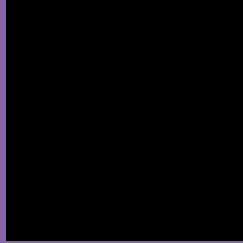
Any Text WCAG AA ✓ Pass

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 4287194793 Background



This preview shows how black text looks on a background with the Android color 4287194793.




This preview shows how white text looks on a background with the Android color 4287194793.

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
4286673017

Trichromacy



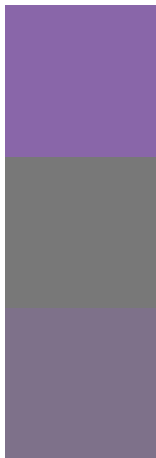
Original Color
4287194793

Protanomaly
4285427376

Deuteranomaly
4285624231

Tritanomaly
4286868618

Monochromacy



Original Color
4287194793

Achromatopsia
4286085240

Achromatomaly
4286476682

CSS Examples

Text

The CSS property to change the color of the text to Android 4287194793 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(137, 102, 169)` looks like.

```
.text, #text, p{  
    color:rgb(137, 102, 169)  
}
```

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(137, 102, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 102, 169) }
```

Border

The CSS property to change the border of an element to Android 4287194793 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(137, 102, 169) }
```

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

```
.border{ border-color:rgb(137, 102, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 102, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 102, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 102, 169);  
box-shadow:4px 4px 4px 4px rgb(137, 102,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4287194793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 102, 169) }
```

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

```
.background{ background-color: rgb(137,  
102, 169) }
```

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