

Converting Colors

Android(4287200183)

Have a look what the booklet for
Android(4287200183) contains.

Android(4287200183)	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(4287200183)

Conversions

Conversions Part 1

Format	Color
Hex	897BB7
RGB	137, 123, 183
RGB Percent	54%, 48%, 72%
CMY	0.4627, 0.5176, 0.2824
CMYK	0.25, 0.33, 0.00, 0.28
HSL	254°, 29%, 60%
HSV	254°, 33%, 72%
XYZ	25.9467, 22.9032, 47.8530
YIQ	134.0260, -10.9160, 21.6280

Conversions

Conversions Part 2

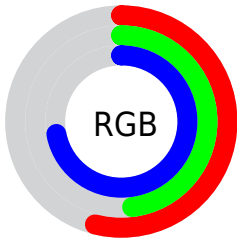
Format	Color
R_{YB}	137, 123, 183
Decimal	9010103
CIE _{Lab}	54.97, 18.44, -29.69
CIE _{LCh}	55, 34.951, 301.837
Yxy	22.9032, 0.2683, 0.2368
Android (android.graphics.Color)	4287200183 (0xFF897BB7)
YUV	134.0260, 24.1442, 2.6082
Hunter-Lab	47.8573, 13.0270, -25.7846

Details

The Android color `4287200183` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289312635`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4290752751`, and `4283845250` is the 20% darker color. If you saturate the color by 10%, you get `4286278071`, and if you desaturate by 10%, it is `4288122295`.

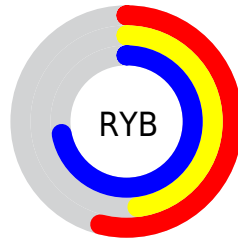
Distribution



Red (54%)

Green (48%)

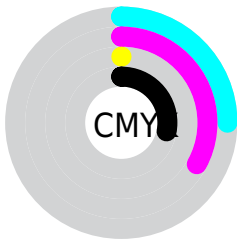
Blue (72%)



Red (54%)

Yellow (48%)

Blue (72%)

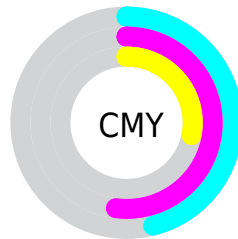


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (46%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287200183 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 4287200183 by changing the saturation by 10% instead.

■ 4287200183

■ 4287200183

4294967295

■ 4285489820

■ 4290752751

■ 4283845250

■ 4292660223

■ 4282200936

■ 4294502399

■ 4280622672

■ 4279044153

■ 4278190627

■ 4278190089

■ 4278190080

■ 4287200183

■ 4287200183

 4286278071

 4288122295

 4285355703

 4289044663

 4284433591


 4289966775

 4283511479

 4290888887

 4282589367

 4291811255

 4281666999

 4292733367

 4281008311

 4293655479

 4294574007

 4294967223

Harmonies

Analogous

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



4283991744



4287200183



4289425569

Triad

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



4287200183



4289624143



4279931780

Complementary

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



4287200183



4289312635

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.



4283470182



4287200183



4287988294

Square

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



4287200183



4290539365



4285893455



4278227875

Rectangle

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



4287200183



4290276493



4285893455



4281439098

Sweetspot

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



4287200183



4292597229



4286294455



4285360504



4294440951



4286085240

Same Dimension

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



4287200183



4289106413



4289166263



4283781980



4280549532



4278648860

Inverse Universe

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



4290214825



4293759448



4287346555



4284240730



4288413815



4280025110

Previews

White Background



This preview shows how the Android color 4287200183 looks on a white background.

Color Contrast Check

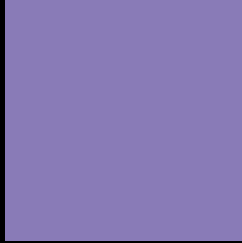
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287200183 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 4287200183 Background



This preview shows how black text looks on a background with the Android color 4287200183.



This preview shows how white text looks on a background with the Android color 4287200183.

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

4287200183

Protanopia

4285629116

Deuteranopia

4285825718



Tritanopia
4286677902

Trichromacy



Original Color
4287200183

Protanomaly
4286218170

Deuteranomaly
4286349238

Tritanomaly
4286873757

Monochromacy



Original Color
4287200183

Achromatopsia
4287006342

Achromatomaly
4287070872

CSS Examples

Text

The CSS property to change the color of the text to Android 4287200183 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, 123, 183)` looks like.

```
.text, #text, p{  
    color:rgb(137, 123, 183)  
}
```

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, 123, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 123, 183) }
```

Border

The CSS property to change the border of an element to Android 4287200183 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, 123, 183) }
```

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

```
.border{ border-color:rgb(137, 123, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 123, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 123, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 123, 183);  
box-shadow:4px 4px 4px 4px rgb(137, 123,  
183) }
```

Background

The CSS property to change the background color of an element to Android 4287200183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 123, 183) }
```

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

```
.background{ background-color: rgb(137,  
123, 183) }
```

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