

Converting Colors

Android(4289230240)

Have a look what the booklet for
Android(4289230240) contains.

Android(4289230240)	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(4289230240)

Conversions

Conversions Part 1

Format	Color
Hex	A875A0
RGB	168, 117, 160
RGB Percent	66%, 46%, 63%
CMY	0.3412, 0.5412, 0.3725
CMYK	0.00, 0.30, 0.05, 0.34
HSL	309°, 23%, 56%
HSV	309°, 30%, 66%
XYZ	28.8549, 23.5855, 36.2893
YIQ	137.1510, 16.5930, 24.1850

Conversions

Conversions Part 2

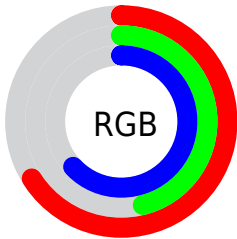
Format	Color
R_{YB}	168, 117, 160
Decimal	11040160
CIE _{Lab}	55.67, 27.12, -15.10
CIE _{LCh}	56, 31.039, 330.898
Yxy	23.5855, 0.3252, 0.2658
Android (android.graphics.Color)	4289230240 (0xFFA875A0)
YUV	137.1510, 11.2646, 27.0546
Hunter-Lab	48.5649, 21.0675, -10.3081

Details

The Android color `4289230240` is a light color, and the websafe version is hex `996699`. A complement of this color would be `4285900925`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4292913879`, and `4285744236` is the 20% darker color. If you saturate the color by 10%, you get `4289225885`, and if you desaturate by 10%, it is `4289234595`.

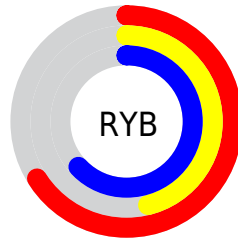
Distribution



Red (66%)

Green (46%)

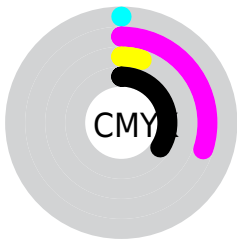
Blue (63%)



Red (66%)

Yellow (46%)

Blue (63%)

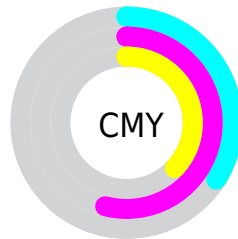


Cyan (0%)

Magenta (30%)

Yellow (5%)

Black (34%)



Cyan (34%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289230240 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 4289230240 by changing the saturation by 10% instead.

 4289230240

 4289230240

4294967295

 4287454342

 4292913879

 4285744236

 4294821363

 4284099668

 4294959615

 4282521149

4294967039

 4281008167

 4279042065

 4278190080

 4289230240

 4289230240

 4289225885

 4289234595

4289221531

4289238949

4289217432

4289243048

4289213077

4289247403

4289208723

4289251757

4289204368

4289256112

4289200270

4289260466

4289264565

4289265592

Harmonies

Analogous

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



4287266484



4289230240



4290277510

Triad

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



4289230240



4288054351



4279604128

Complementary

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



4289230240



4285900925

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.



4281767045



4289230240



4286221398

Square

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



4289230240



4289493847



4284125546



4281438132

Rectangle

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



4289230240



4290408820



4284125546



4280128664

Sweetspot

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



4289230240



4292593880



4286412200



4285424236



4293783021



4285427310

Same Dimension

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



4289230240



4292578511



4289230215



4283714643



4287889533



4279500817

Inverse Universe

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



4289230240



4292578511



4285900950



4283714643



4287889533



4279500817

Previews

White Background



This preview shows how the Android color 4289230240 looks on a white background.

Color Contrast Check

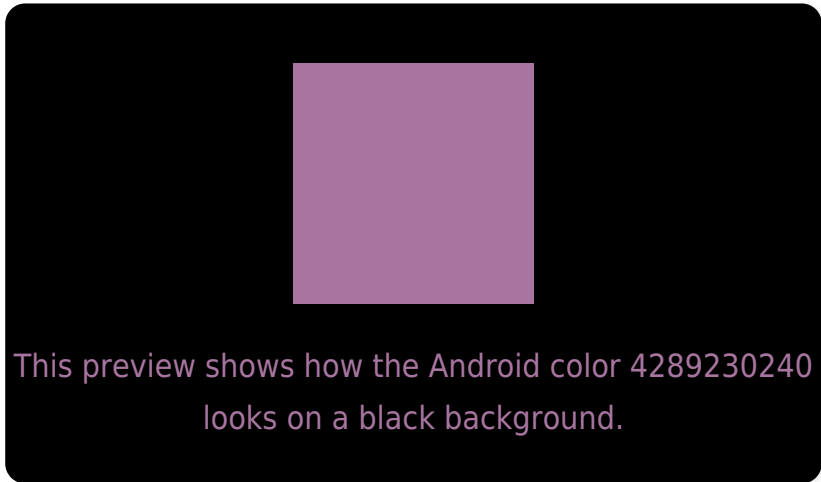
Large Text (above 18pt) WCAG AA ✓ Pass

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

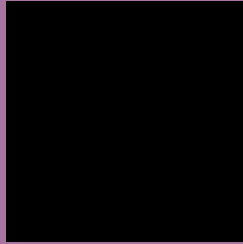
Any Text WCAG AA ✓ Pass

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 4289230240 Background



This preview shows how black text looks on a background with the Android color 4289230240.



This preview shows how white text looks on a background with the Android color 4289230240.

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
4289230240

Protanopia
4286350507

Deuteranopia
4287071133



Tritanopia
4288969348

Trichromacy



Original Color

4289230240

Protanomaly

4287397799

Deuteranomaly

4287856286

Tritanomaly

4289034382

Monochromacy



Original Color

4289230240

Achromatopsia

4287203721

Achromatomaly

4287922833

CSS Examples

Text

The CSS property to change the color of the text to Android 4289230240 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(168, 117, 160)` looks like.

```
.text, #text, p{  
    color:rgb(168, 117, 160)  
}
```

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(168, 117, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 117, 160) }
```

Border

The CSS property to change the border of an element to Android 4289230240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

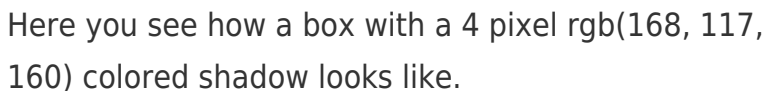
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 117, 160) }
```

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

```
.border{ border-color:rgb(168, 117, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 117, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 117, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 117, 160);  
box-shadow:4px 4px 4px 4px rgb(168, 117,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4289230240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 117, 160) }
```

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

```
.background{ background-color: rgb(168,  
117, 160) }
```

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