

Converting Colors

Android(4290013840)

Have a look what the booklet for
Android(4290013840) contains.

Android(4290013840)	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(4290013840)

Conversions

Conversions Part 1

Format	Color
Hex	B46A90
RGB	180, 106, 144
RGB Percent	71%, 42%, 56%
CMY	0.2941, 0.5843, 0.4353
CMYK	0.00, 0.41, 0.20, 0.29
HSL	329°, 33%, 56%
HSV	329°, 41%, 71%
XYZ	29.0105, 22.0250, 29.1078
YIQ	132.4580, 31.9060, 27.5060

Conversions

Conversions Part 2

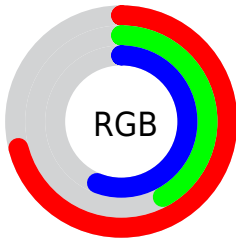
Format	Color
R_{YB}	180, 106, 144
Decimal	11823760
CIE Lab	54.05, 34.69, -8.06
CIE LCh	54, 35.616, 346.926
Yxy	22.0250, 0.3620, 0.2748
Android (android.graphics.Color)	4290013840 (0xFFB46A90)
YUV	132.4580, 5.6902, 41.6943
Hunter-Lab	46.9308, 28.2117, -3.9218

Details

The Android color `4290013840` is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be `4285183118`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4293763014`, and `4286396510` is the 20% darker color. If you saturate the color by 10%, you get `4290009223`, and if you desaturate by 10%, it is `4290018457`.

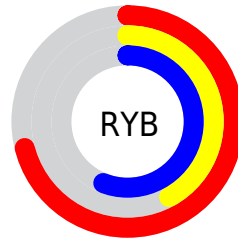
Distribution



Red (71%)

Green (42%)

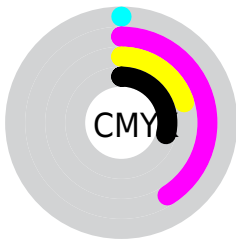
Blue (56%)



Red (71%)

Yellow (42%)

Blue (56%)

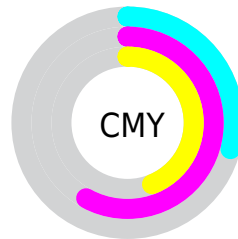


Cyan (0%)

Magenta (41%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290013840 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 4290013840 by changing the saturation by 10% instead.

 4290013840

 4290013840

4294967295

 4288172406

 4293763014

 4286396510

 4294949602

 4284686406

 4294956798

 4283040816

 4294964223

 4281466907

 4279500800

 4278190080

 4290013840

 4290013840

 4290009223

 4290018457

4290004606

4290023074

4289999990

4290027690

4289995373

4290032307

4289990756

4290036924

4289986652

4290041541

4290046157

4290050774

4290052063

Harmonies

Analogous

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



4288312235



4290013840



4290537841

Triad

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



4290013840



4286809413



4278226861

Complementary

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



4290013840



4285183118

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.



4278227346



4290013840



4284517462

Square

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



4290013840



4288707397



4281634930



4281501885

Rectangle

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



4290013840



4290342238



4281634930



4278227109

Sweetspot

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



4290013840



4293643997



4287523508



4285883757



4294309365



4285887861

Same Dimension

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



4290013840



4293621939



4290013803



4284043349



4288217167



4279894029

Inverse Universe

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



4290013840



4293621939



4285183155



4284043349



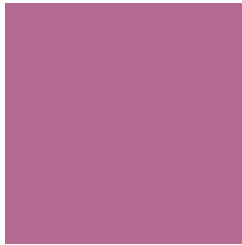
4288217167



4279894029

Previews

White Background



This preview shows how the Android color 4290013840 looks on a white background.

Color Contrast Check

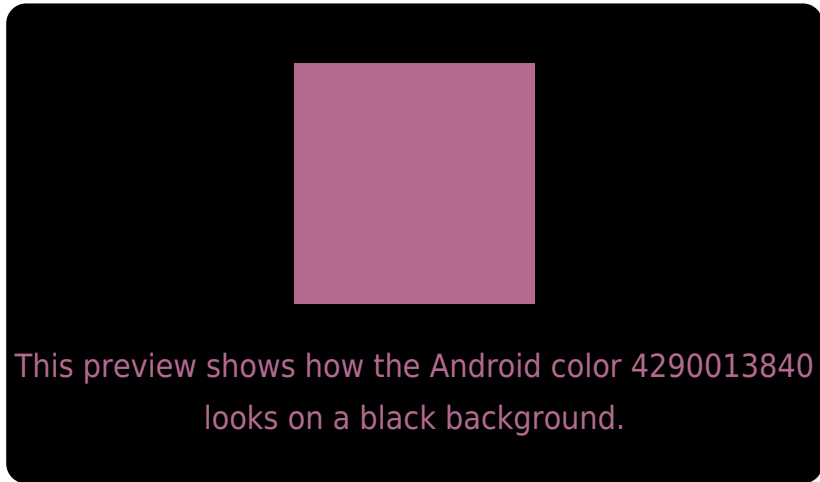
Large Text (above 18pt) WCAG AA ✓ Pass

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

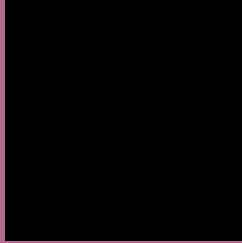
Any Text WCAG AA ✓ Pass

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 4290013840 Background



This preview shows how black text looks on a background with the Android color 4290013840.




This preview shows how white text looks on a background with the Android color 4290013840.

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
4289818487

Trichromacy



Original Color
4290013840

Protanomaly
4287658138

Deuteranomaly
4288247693

Tritanomaly
4289883520

Monochromacy



Original Color
4290013840

Achromatopsia
4286874756

Achromatomaly
4287986568

CSS Examples

Text

The CSS property to change the color of the text to Android 4290013840 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(180, 106, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 106, 144)  
}
```

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(180, 106, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 106, 144) }
```

Border

The CSS property to change the border of an element to Android 4290013840 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(180, 106, 144) }
```

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

```
.border{ border-color:rgb(180, 106, 144) }
```

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

Here you see how a box with a 4 pixel rgb(180, 106, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 106, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 106, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 106,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4290013840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 106, 144) }
```

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

```
.background{ background-color: rgb(180,  
106, 144) }
```

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