

Converting Colors

Android(4291390699)

Have a look what the booklet for
Android(4291390699) contains.

Android(4291390699)	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(4291390699)

Conversions

Conversions Part 1

Format	Color
Hex	C96CEB
RGB	201, 108, 235
RGB Percent	79%, 42%, 92%
CMY	0.2118, 0.5765, 0.0784
CMYK	0.14, 0.54, 0.00, 0.08
HSL	284°, 76%, 67%
HSV	284°, 54%, 92%
XYZ	44.4454, 29.1408, 81.8795
YIQ	150.2850, 14.6610, 59.2130

Conversions

Conversions Part 2

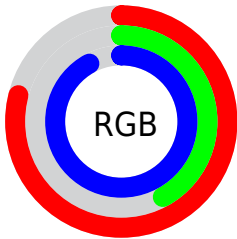
Format	Color
R _Y B	201, 108, 235
Decimal	13200619
CIE _{Lab}	60.91, 56.60, -49.28
CIE _{LCh}	61, 75.045, 318.957
Y _{xy}	29.1408, 0.2859, 0.1874
Android (android.graphics.Color)	4291390699 (0xFFC96CEB)
YUV	150.2850, 41.7645, 44.4771
Hunter-Lab	53.9822, 52.4961, -52.1427

Details

The Android color `4291390699` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `4287556460`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4294943743`, and `4287641267` is the 20% darker color. If you saturate the color by 10%, you get `4290991595`, and if you desaturate by 10%, it is `4291790059`.

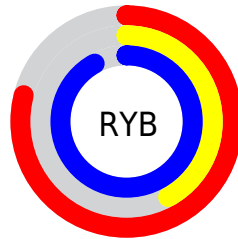
Distribution



Red (79%)

Green (42%)

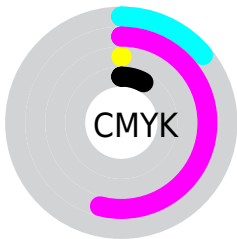
Blue (92%)



Red (79%)

Yellow (42%)

Blue (92%)

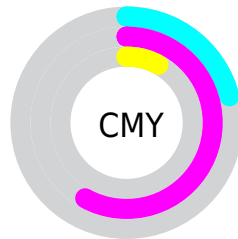


Cyan (14%)

Magenta (54%)

Yellow (0%)

Black (8%)



Cyan (21%)


Magenta (58%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291390699 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 4291390699 by changing the saturation by 10% instead.

 4291390699

 4291390699

4294967295

 4289483214

 4294943743

 4287641267

 4294950911

 4285798295

 4294958079

 4284022909

 4294965759

 4282253411


 4280680523

 4278190131

 4278190621

 4278190080

 4291390699

 4291390699

 4290991595

 4291790059

 4290526699

 4292254699

 4290127339

 4292654059

 4289728235

 4293053163

 4289462507

 4293452523

 4293917163

 4294311915

 4294705131

 4294967275

Harmonies

Analogous

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



4283796735



4291390699



4294725038

Triad

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



4291390699



4291135232



4278235580

Complementary

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



4291390699



4287556460

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.



4278234999



4291390699



4287208448

Square

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



4291390699



4294011182



4281051443



4278234614

Rectangle

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



4291390699



4294920322



4281051443



4278235558

Sweetspot

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



4291390699



4294235903



4285305067



4286146432



4278190080



4286611584

Same Dimension

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



4291390699



4292041215



4293618895



4285688437



4286906549



4280746038

Inverse Universe

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



4293618830



4294924678



4285328264



4285885037



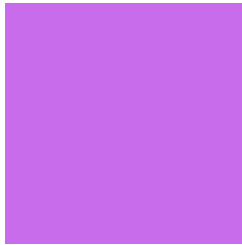
4290052144



4281729038

Previews

White Background



This preview shows how the Android color 4291390699 looks on a white background.

Color Contrast Check

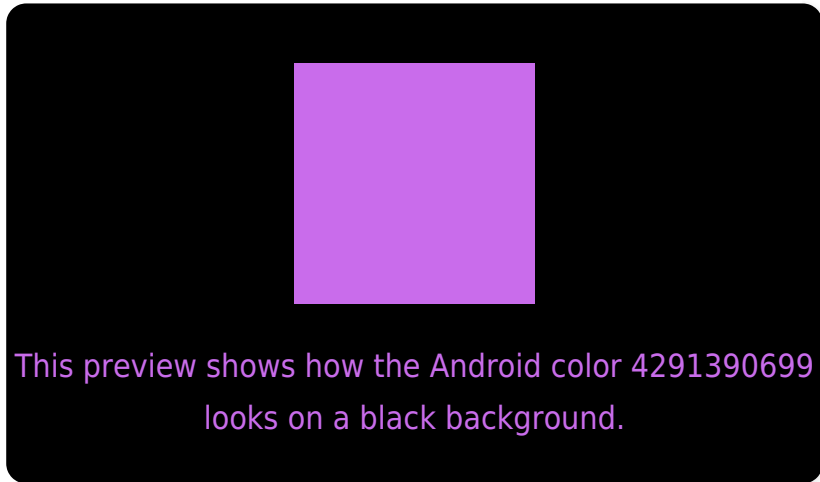
Large Text (above 18pt) WCAG AA ✓ Pass

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

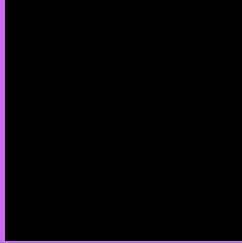
Any Text WCAG AA ✓ Pass

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 4291390699 Background



This preview shows how black text looks on a background with the Android color 4291390699.



This preview shows how white text looks on a background with the Android color 4291390699.

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
4290479246

Trichromacy



Original Color
4291390699



Protanomaly
4287071224



Deuteranomaly
4287464935



Tritanomaly
4290804656

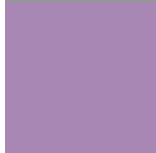
Monochromacy



Original Color
4291390699



Achromatopsia
4288059030



Achromatomaly
4289300405

CSS Examples

Text

The CSS property to change the color of the text to Android 4291390699 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(201, 108, 235)` looks like.

```
.text, #text, p{  
    color:rgb(201, 108, 235)  
}
```

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(201, 108, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 108, 235) }
```

Border

The CSS property to change the border of an element to Android 4291390699 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(201, 108, 235) }
```

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

```
.border{ border-color:rgb(201, 108, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 108, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 108, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 108, 235);  
box-shadow:4px 4px 4px 4px rgb(201, 108,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4291390699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 108, 235) }
```

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

```
.background{ background-color: rgb(201,  
108, 235) }
```

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