

Converting Colors

Android(4290021093)

Have a look what the booklet for
Android(4290021093) contains.

Android(4290021093)	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(4290021093)

Conversions

Conversions Part 1

Format	Color
Hex	B486E5
RGB	180, 134, 229
RGB Percent	71%, 53%, 90%
CMY	0.2941, 0.4745, 0.1020
CMYK	0.21, 0.41, 0.00, 0.10
HSL	269°, 65%, 71%
HSV	269°, 41%, 90%
XYZ	41.4903, 32.4106, 78.1978
YIQ	158.5840, -3.0790, 39.2970

Conversions

Conversions Part 2

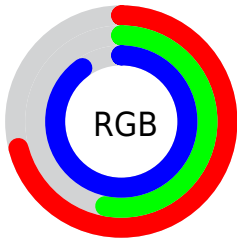
Format	Color
R_{YB}	180, 134, 229
Decimal	11831013
CIE _{Lab}	63.68, 35.84, -41.72
CIE _{LCh}	64, 55.004, 310.661
Yxy	32.4106, 0.2728, 0.2131
Android (android.graphics.Color)	4290021093 (0xFFB486E5)
YUV	158.5840, 34.7151, 18.7818
Hunter-Lab	56.9303, 30.4612, -41.5878

Details

The Android color `4290021093` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290241926`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4293770495`, and `4286403501` is the 20% darker color. If you saturate the color by 10%, you get `4289228773`, and if you desaturate by 10%, it is `4290813413`.

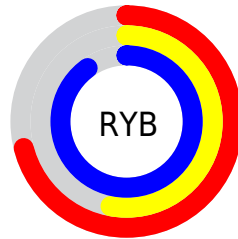
Distribution



Red (71%)

Green (53%)

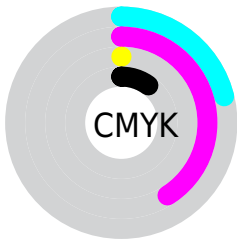
Blue (90%)



Red (71%)

Yellow (53%)

Blue (90%)

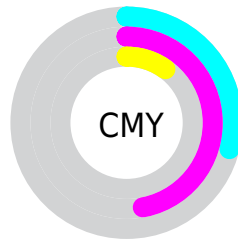


Cyan (21%)

Magenta (41%)

Yellow (0%)

Black (10%)



Cyan (29%)

Magenta (47%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290021093 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 4290021093 by changing the saturation by 10% instead.

 4290021093

 4290021093

4294967295

 4288179401

 4293770495

 4286403501

 4294957311

 4284693394

 4294964735

 4282983544

 4281273439

 4279566407

 4278190127

 4278190362

 4278190080

■ 4290021093

■ 4290021093

■ 4289228773

■ 4290813413

■ 4288436453

■ 4291605733

■ 4287709669

■ 4292332517

■ 4286917349

■ 4293124837

■ 4286125285

■ 4293917157

■ 4285464805

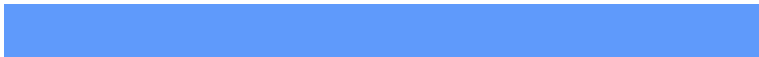
■ 4294705125

■ 4294967269

Harmonies

Analogous

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



4284455675



4290021093



4293096636

Triad

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



4290021093



4291791931



4278235819

Complementary

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



4290021093



4290241926

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.



4278235256



4290021093



4289043763

Square

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



4290021093



4293687645



4285507916



4278235353

Rectangle

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



4290021093



4294078107



4285507916



4278235802

Sweetspot

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



4290021093



4293910783



4287018981



4285951616



4278190080



4286611584

Same Dimension

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



4290021093



4290609407



4293101285



4285359987



4283826355



4279828531

Inverse Universe

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



4293232311



4294934721



4287161734



4285753197



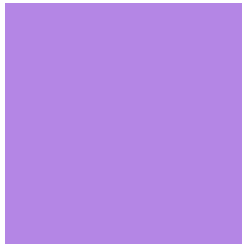
4289921116



4281532442

Previews

White Background



This preview shows how the Android color 4290021093 looks on a white background.

Color Contrast Check

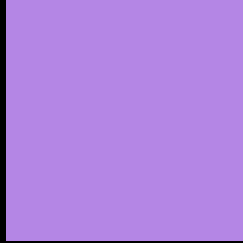
Large Text (above 18pt) WCAG AA × Fail

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 4290021093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

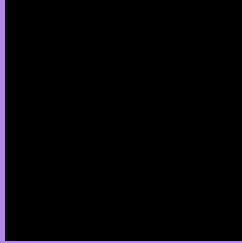
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4290021093 Background



This preview shows how black text looks on a background with the Android color 4290021093.




This preview shows how white text looks on a background with the Android color 4290021093.

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
4289238433

Trichromacy



Original Color
4290021093

Protanomaly
4287533551

Deuteranomaly
4287730402

Tritanomaly
4289499322

Monochromacy



Original Color
4290021093

Achromatopsia
4288651167

Achromatomaly
4289173176

CSS Examples

Text

The CSS property to change the color of the text to Android 4290021093 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, 134, 229)` looks like.

```
.text, #text, p{  
    color:rgb(180, 134, 229)  
}
```

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, 134, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 134, 229) }
```

Border

The CSS property to change the border of an element to Android 4290021093 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, 134, 229) }
```

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

```
.border{ border-color:rgb(180, 134, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 134, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 134, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 134, 229);  
box-shadow:4px 4px 4px 4px rgb(180, 134,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4290021093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 134, 229) }
```

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

```
.background{ background-color: rgb(180,  
134, 229) }
```

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