

Converting Colors

Android(4291019228)

Have a look what the booklet for
Android(4291019228) contains.

Android(4291019228)	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(4291019228)

Conversions

Conversions Part 1

Format	Color
Hex	C3C1DC
RGB	195, 193, 220
RGB Percent	76%, 76%, 86%
CMY	0.2353, 0.2431, 0.1373
CMYK	0.11, 0.12, 0.00, 0.14
HSL	244°, 28%, 81%
HSV	244°, 12%, 86%
XYZ	54.4939, 54.9093, 75.4366
YIQ	196.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

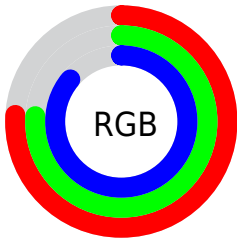
Format	Color
R_{YB}	195, 193, 220
Decimal	12829148
CIE _{Lab}	78.99, 5.94, -13.20
CIE _{LCh}	79, 14.472, 294.228
Yxy	54.9093, 0.2948, 0.2971
Android (android.graphics.Color)	4291019228 (0xFFC3C1DC)
YUV	196.6760, 11.4987, -1.4699
Hunter-Lab	74.1008, 1.5928, -8.4882

Details

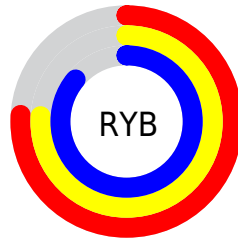
The Android color `4291019228` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4292533441`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4294769151`, and `4287466661` is the 20% darker color. If you saturate the color by 10%, you get `4289702876`, and if you desaturate by 10%, it is `4292335580`.

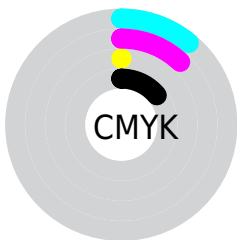
Distribution



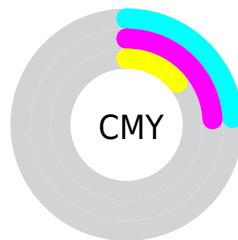
- Red (76%)
- Green (76%)
- Blue (86%)



- Red (76%)
- Yellow (76%)
- Blue (86%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291019228 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 4291019228 by changing the saturation by 10% instead.



4291019228



4291019228

4294967295



4289242816



4294769151



4287466661



4285821579



4284177009



4282597977



4281150529



4279703595



4278190103



4278190080

 4291019228

 4291019228

 4289702876

 4292335580

 4288320988

 4293717468

 4287004636

 4294967260

 4285688284

 4284306396

 4282990044

 4281608156

 4280291804

 4279238876

Harmonies

Analogous

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



4289906398



4291019228



4292066771

Triad

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



4291019228



4292656814



4289186752

Complementary

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



4291019228



4292533441

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.



4289972916



4291019228



4291936937

Square

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



4291019228



4292983737



4291020459



4288793550

Rectangle

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



4291019228



4292590539



4291020459



4289383356

Sweetspot

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



4291019228



4294374911



4290894556



4286216576



4278190080



4286611584

Same Dimension

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



4291019228



4292663807



4291871196



4284703598



4279042221



4278386734

Inverse Universe

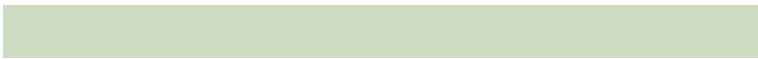
The Inverse Universe completely reimagines the original color for something new.



4292657626



4294957564



4291681473



4285424493



4289527969



4281204779

Previews

White Background



This preview shows how the Android color 4291019228 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 4291019228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

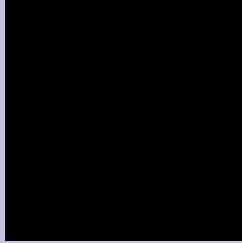
Any Text WCAG AA ✓ Pass

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 4291019228 Background



This preview shows how black text looks on a background with the Android color 4291019228.



This preview shows how white text looks on a background with the Android color 4291019228.

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
4291019228

Protanopia
4290757341

Deuteranopia
4291542749

Trichromacy



Original Color
4291019228

Protanomaly
4290822877

Deuteranomaly
4291346397

Tritanomaly
4290953942

Monochromacy



Original Color
4291019228

Achromatopsia
4291151301

Achromatomaly
4291085517

CSS Examples

Text

The CSS property to change the color of the text to Android 4291019228 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(195, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 220)  
}
```

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(195, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 220) }
```

Border

The CSS property to change the border of an element to Android 4291019228 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(195, 193, 220) }
```

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

```
.border{ border-color:rgb(195, 193, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
220) }
```

Background

The CSS property to change the background color of an element to Android 4291019228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 220) }
```

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

```
.background{ background-color: rgb(195,  
193, 220) }
```

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