

# Converting Colors

Android(4291022308)

Have a look what the booklet for  
Android(4291022308) contains.

<b>Android(4291022308)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291022308)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3CDE4
RGB	195, 205, 228
RGB Percent	76%, 80%, 89%
CMY	0.2353, 0.1961, 0.1059
CMYK	0.14, 0.10, 0.00, 0.11
HSL	222°, 38%, 83%
HSV	222°, 14%, 89%
XYZ	58.3406, 60.8662, 82.0723
YIQ	204.6320, -13.3430, 5.0330

# Conversions

## Conversions Part 2

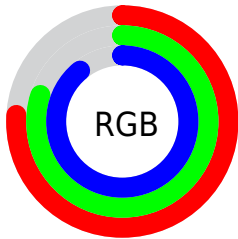
Format	Color
<a href="#">RYB</a>	<a href="#">195, 203, 228</a>
Decimal	<a href="#">12832228</a>
CIELab	<a href="#">82.31, 1.19, -12.52</a>
CIElCh	<a href="#">82, 12.578, 275.433</a>
Yxy	<a href="#">60.8662, 0.2898, 0.3024</a>
Android (android.graphics.Color)	<a href="#">4291022308 (0xFFC3CDE4)</a>
YUV	<a href="#">204.6320, 11.5204, -8.4473</a>
Hunter-Lab	<a href="#">78.0168, -3.0479, -7.7603</a>

# Details

The Android color `4291022308` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4293188291`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294770687`, and `4287469485` is the 20% darker color. If you saturate the color by 10%, you get `4289510884`, and if you desaturate by 10%, it is `4292533732`.

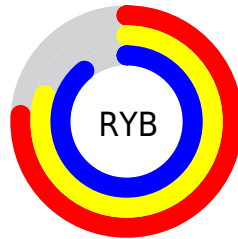
# Distribution



Red (76%)

Green (80%)

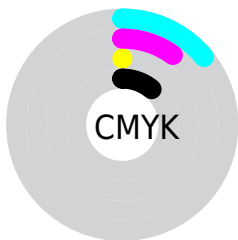
Blue (89%)



Red (76%)

Yellow (80%)

Blue (89%)

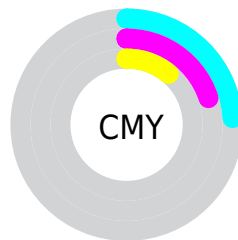


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (20%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291022308 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 4291022308 by changing the saturation by 10% instead.





4291022308



4291022308

4294967295



4289245896



4294770687



4287469485



4285758866



4284179576



4282600543



4281087560



4279640113




4278192413



4278190080

 4291022308

 4291022308

 4289510884

 4292533732

 4287999460

 4294045156

 4286553572

 4294966756

 4285042148

 4294967268

 4283530980

 4282019556

 4280508132

 4279062244

 4278207972

# Harmonies

## Analogous

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



4290171362



4291022308



4292004320

# Triad

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



4291022308



4293314240



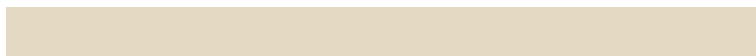
4290433987

# Complementary

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



4291022308



4293188291

# 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.



4291285177



4291022308



4292856248

# Square

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



4291022308



4293248459



4292136373



4289844431

# Rectangle

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



4291022308



4292593626



4292136373



4290695871



# Sweetspot

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



4291022308



4294310143



4291028186



4286151552



4278190080



4286611584



# Same Dimension

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



4291022308



4292141567



4291412964



4284967795



4278204083



4278193971



# Inverse Universe

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



4293182413



4294956257



4292797635



4285753195



4289921078

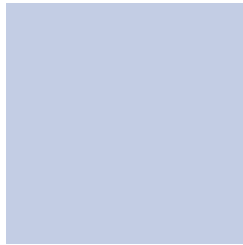


4281532431



# Previews

## White Background



This preview shows how the Android color 4291022308 looks on a white background.

## Color Contrast Check

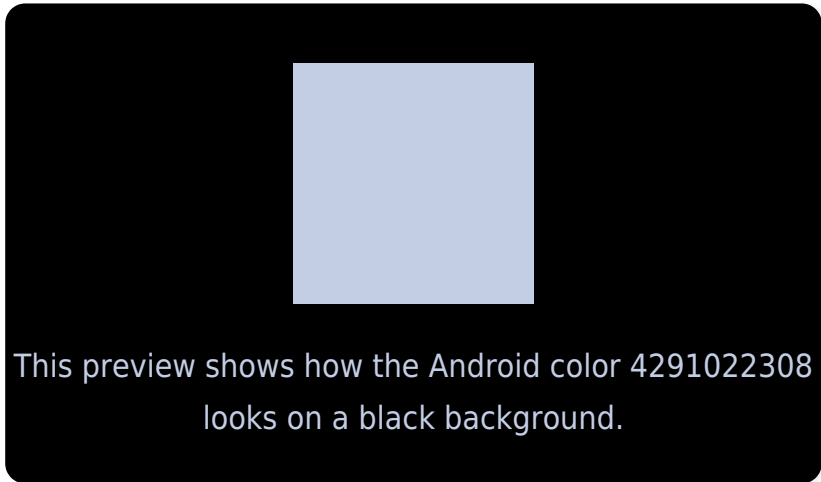
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

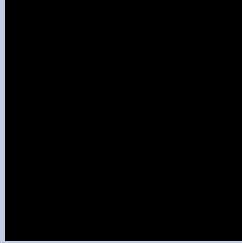
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291022308 Background



This preview shows how black text looks on a background with the Android color 4291022308.



This preview shows how white text looks on a background with the Android color 4291022308.

# 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



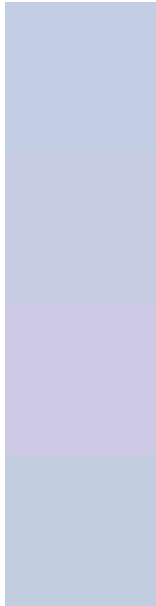
**Original Color**  
4291022308

**Protanopia**  
4291480547

**Deuteranopia**  
4292200421



# Trichromacy



**Original Color**  
4291022308

**Protanomaly**  
4291284195

**Deuteranomaly**  
4291742181

**Tritanomaly**  
4290957024

# Monochromacy



**Original Color**  
4291022308

**Achromatopsia**  
4291677645

**Achromatomaly**  
4291415509

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291022308 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, 205, 228)` looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 228)  
}
```

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, 205, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 228) }
```

## Border

The CSS property to change the border of an element to Android 4291022308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

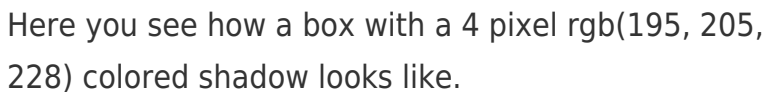
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 205, 228) }
```

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

```
.border{ border-color:rgb(195, 205, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 205, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 205, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 205, 228); box-shadow:4px 4px 4px 4px rgb(195, 205, 228) }
```

# Background

The CSS property to change the background color of an element to Android 4291022308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 228) }
```

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

```
.background{ background-color: rgb(195,  
205, 228) }
```

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](#).



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