

Converting Colors

Android(4292001509)

Have a look what the booklet for
Android(4292001509) contains.

Android(4292001509)	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(4292001509)

Conversions

Conversions Part 1

Format	Color
Hex	D2BEE5
RGB	210, 190, 229
RGB Percent	82%, 75%, 90%
CMY	0.1765, 0.2549, 0.1020
CMYK	0.08, 0.17, 0.00, 0.10
HSL	271°, 43%, 82%
HSV	271°, 17%, 90%
XYZ	59.1347, 56.1857, 81.8569
YIQ	200.4260, -0.5990, 16.3690

Conversions

Conversions Part 2

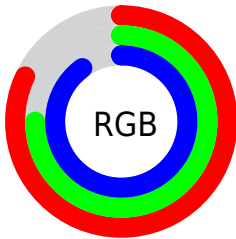
Format	Color
R _Y B	210, 190, 229
Decimal	13811429
CIE Lab	79.72, 14.26, -16.82
CIE LCh	80, 22.055, 310.291
Yxy	56.1857, 0.2999, 0.2850
Android (android.graphics.Color)	4292001509 (0xFFD2BEE5)
YUV	200.4260, 14.0870, 8.3964
Hunter-Lab	74.9571, 9.6460, -12.2777

Details

The Android color `4292001509` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4291945918`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4294964991`, and `4288383405` is the 20% darker color. If you saturate the color by 10%, you get `4291274725`, and if you desaturate by 10%, it is `4292728293`.

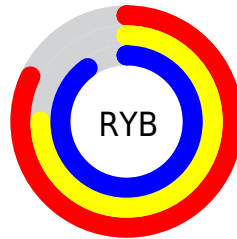
Distribution



Red (82%)

Green (75%)

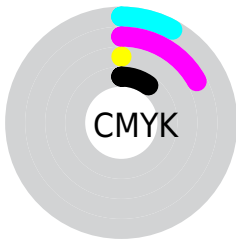
Blue (90%)



Red (82%)

Yellow (75%)

Blue (90%)

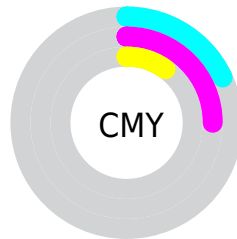


Cyan (8%)

Magenta (17%)

Yellow (0%)

Black (10%)



Cyan (18%)

Magenta (25%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292001509 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 4292001509 by changing the saturation by 10% instead.

 4292001509

 4292001509

4294967295

 4290159561

 4294964991

 4288383405

 4286672787

 4285028217

 4283383648

 4281870664

 4280423730

 4279107613

 4278190080

 4292001509

 4292001509

 4291274725

 4292728293

 4290547941

 4293455077

 4289821157

 4294180837

 4289028837

 4294967269

 4288302309

 4287575525

 4286848741

 4286121957

 4285858021

Harmonies

Analogous

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



4290233838



4292001509



4293310932

Triad

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



4292001509



4293050527



4287681228

Complementary

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



4292001509



4291945918

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.



4288729271



4292001509



4291741341

Square

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



4292001509



4293835436



4290235558



4287549663

Rectangle

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



4292001509



4293834694



4290235558



4287943109

Sweetspot

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



4292001509



4294570751



4290695909



4286347392



4278190080



4286611584

Same Dimension

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



4292001509



4293315839



4293246693



4285359987



4284219571



4279894067

Inverse Universe

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



4293246673



4294954213



4290700734



4285753197



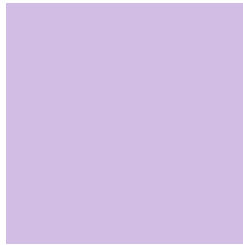
4289921111



4281532441

Previews

White Background



This preview shows how the Android color 4292001509 looks on a white background.

Color Contrast Check

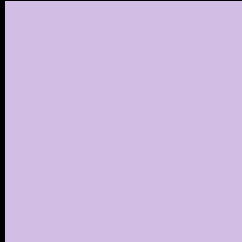
Large Text (above 18pt) WCAG AA × Fail

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 4292001509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

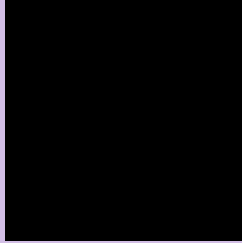
Any Text WCAG AA ✓ Pass

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 4292001509 Background



This preview shows how black text looks on a background with the Android color 4292001509.



This preview shows how white text looks on a background with the Android color 4292001509.

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
4292001509

Protanopia
4290692329

Deuteranopia
4291477988



Tritanopia
4291805905

Trichromacy



Original Color
4292001509

Protanomaly
4291150568

Deuteranomaly
4291674340

Tritanomaly
4291871192

Monochromacy



Original Color
4292001509

Achromatopsia
4291348680

Achromatomaly
4291609811

CSS Examples

Text

The CSS property to change the color of the text to Android 4292001509 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(210, 190, 229)` looks like.

```
.text, #text, p{  
    color:rgb(210, 190, 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(210, 190, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 190, 229) }
```

Border

The CSS property to change the border of an element to Android 4292001509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

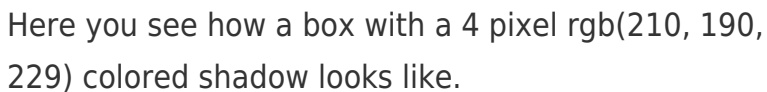
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 190, 229) }
```

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

```
.border{ border-color:rgb(210, 190, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 190, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 190, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 190, 229); box-shadow:4px 4px 4px 4px rgb(210, 190, 229) }
```

Background

The CSS property to change the background color of an element to Android 4292001509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 190, 229) }
```

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

```
.background{ background-color: rgb(210,  
190, 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