

Converting Colors

Android(4292471702)

Have a look what the booklet for
Android(4292471702) contains.

Android(4292471702)	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(4292471702)

Conversions

Conversions Part 1

Format	Color
Hex	D9EB96
RGB	217, 235, 150
RGB Percent	85%, 92%, 59%
CMY	0.1490, 0.0784, 0.4118
CMYK	0.08, 0.00, 0.36, 0.08
HSL	73°, 68%, 75%
HSV	73°, 36%, 92%
XYZ	63.8286, 76.3704, 40.2310
YIQ	219.9280, 16.5570, -30.2510

Conversions

Conversions Part 2

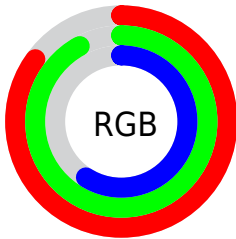
Format	Color
RYB	150, 235, 168
Decimal	14281622
CIELab	90.03, -19.18, 39.30
CIElCh	90, 43.727, 116.012
Yxy	76.3704, 0.3538, 0.4233
Android (android.graphics.Color)	4292471702 (0xFFD9EB96)
YUV	219.9280, -34.4745, -2.5679
Hunter-Lab	87.3902, -22.5587, 33.8783

Details

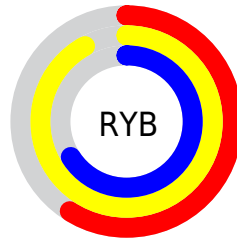
The Android color `4292471702` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4289238763`, and the grayscale version is `4292664540`.

A 20% lighter version of the original color is `4294967245`, and `4288787298` is the 20% darker color. If you saturate the color by 10%, you get `4292143998`, and if you desaturate by 10%, it is `4292799406`.

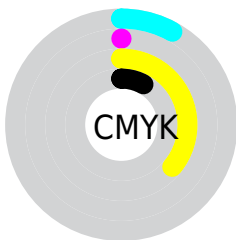
Distribution



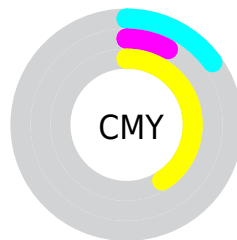
- Red (85%)
- Green (92%)
- Blue (59%)



- Red (59%)
- Yellow (92%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292471702 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 4292471702 by changing the saturation by 10% instead.



4292471702



4292471702

4294967295



4290629500



4294967245



4288787298



4294967274



4287010889



4285300528



4283589911



4281945344



4280432384



4278526208




4278190080

 4292471702

 4292471702

 4292143998


 4292799406

 4291816295

 4293127109

 4291488591

 4293454813

 4291160888

 4293782516

 4290833185

 4294110207

 4290505481

 4294437887

 4290374400

 4294765567

 4294962175

Harmonies

Analogous

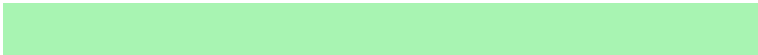
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294958735



4292471702



4289262770

Triad

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



4292471702



4284281855



4294951914

Complementary

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



4292471702



4289238763

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.



4294953983



4292471702



4288604415

Square

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



4292471702



4282906879



4292926207



4294952384

Rectangle

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



4292471702



4286970061



4292926207



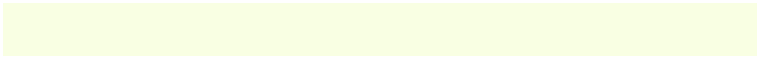
4294952440

Sweetspot

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



4292471702



4294574051



4293633942



4286349423



4278190080



4286611584

Same Dimension

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



4292471702



4293459857



4289784726



4285756778



4287608064



4280956416

Inverse Universe

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



4289238763



4289303039



4291991275



4285295221



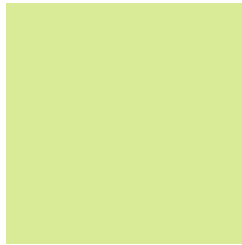
4280680629



4278911030

Previews

White Background



This preview shows how the Android color 4292471702 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 4292471702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

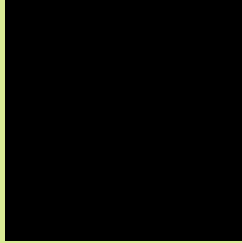
Any Text WCAG AA ✓ Pass

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 4292471702 Background



This preview shows how black text looks on a background with the Android color 4292471702.

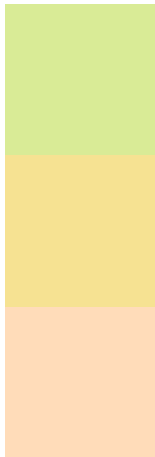


This preview shows how white text looks on a background with the Android color 4292471702.

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

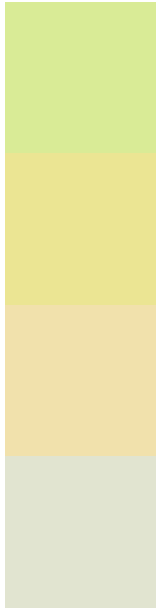


Original Color
4292471702

Protanopia
4294369938

Deuteranopia
4294958265

Trichromacy



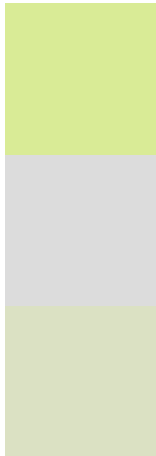
Original Color
4292471702

Protanomaly
4293649811

Deuteranomaly
4294042028

Tritanomaly
4292994256

Monochromacy



Original Color
4292471702

Achromatopsia
4292664540

Achromatomaly
4292600259

CSS Examples

Text

The CSS property to change the color of the text to Android 4292471702 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(217, 235, 150)` looks like.

```
.text, #text, p{  
    color:rgb(217, 235, 150)  
}
```

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(217, 235, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 235, 150) }
```

Border

The CSS property to change the border of an element to Android 4292471702 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(217, 235, 150) }
```

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

```
.border{ border-color:rgb(217, 235, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 235, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 235, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 235, 150);  
box-shadow:4px 4px 4px 4px rgb(217, 235,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4292471702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 235, 150) }
```

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

```
.background{ background-color: rgb(217,  
235, 150) }
```

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