

# Converting Colors

Android(4291029747)

Have a look what the booklet for  
Android(4291029747) contains.

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# **Color**

**Android(4291029747)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3EAF3
RGB	195, 234, 243
RGB Percent	76%, 92%, 95%
CMY	0.2353, 0.0824, 0.0471
CMYK	0.20, 0.04, 0.00, 0.05
HSL	191°, 67%, 86%
HSV	191°, 20%, 95%
XYZ	68.1062, 76.9188, 96.0513
YIQ	223.3650, -26.1330, -5.4690

# Conversions

## Conversions Part 2

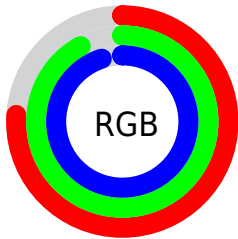
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	195, 217, 243
Decimal	12839667
CIE Lab	90.28, -10.70, -8.56
CIE LCh	90, 13.703, 218.680
Yxy	76.9188, 0.2825, 0.3191
Android (android.graphics.Color)	4291029747 (0xFFC3EAF3)
YUV	223.3650, 9.6801, -24.8761
Hunter-Lab	87.7034, -14.8665, -3.5411

# Details

The Android color `4291029747` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294167747`, and the grayscale version is `4292861919`.

A 20% lighter version of the original color is `4294770687`, and `4287476411` is the 20% darker color. If you saturate the color by 10%, you get `4289455603`, and if you desaturate by 10%, it is `4292603891`.

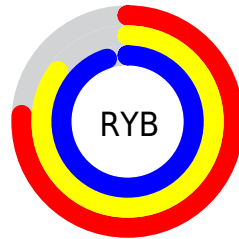
# Distribution



Red (76%)

Green (92%)

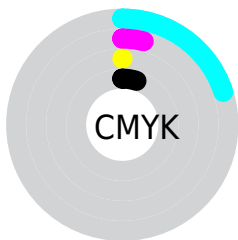
Blue (95%)



Red (76%)

Yellow (85%)

Blue (95%)

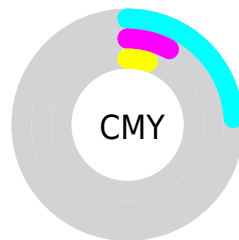


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (8%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291029747 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 4291029747 by changing the saturation by 10% instead.



 4291029747

 4291029747

4294967295

 4289187543

 4294770687

 4287476411

 4285700256

 4284055174

 4282410348

 4280831316

 4279187005

 4278198311

 4278190867

■ 4291029747

■ 4291029747

■ 4289455603

■ 4292603891

■ 4287816179

■ 4294243315

■ 4286242035

■ 4294965491

■ 4284668147

■ 4294966515

■ 4283094003

■ 4294967283

■ 4281454579

■ 4279880435

■ 4278306547

■ 4278240755

# Harmonies

## Analogous

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



4291095527



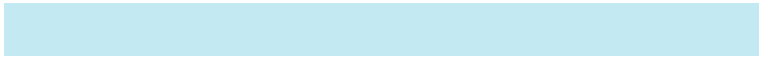
4291029747



4291553275

# Triad

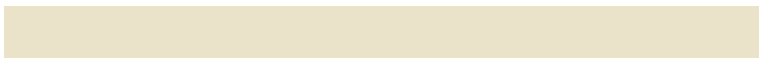
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291029747



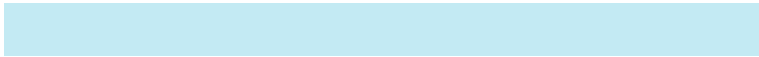
4294499309



4293583817

# Complementary

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



4291029747



4294167747

# 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.



4294434763



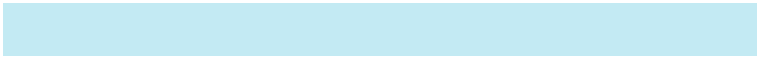
4291029747



4294957792

# Square

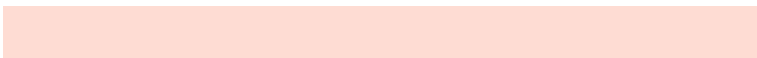
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291029747



4293648376



4294892755



4292601807

# Rectangle

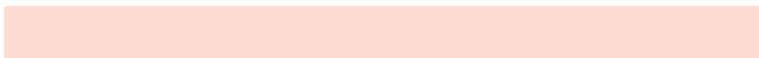
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



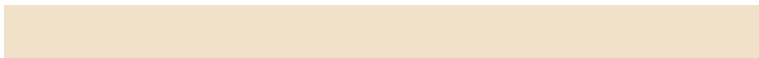
4291029747



4292207869



4294892755



4293911241



# Sweetspot

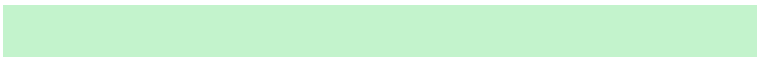
The Sweet Spot groups the original color and five complimentary colors.



4291029747



4293983487



4291032012



4286021248



4278190080

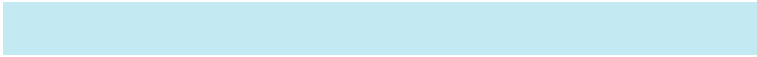


4286611584

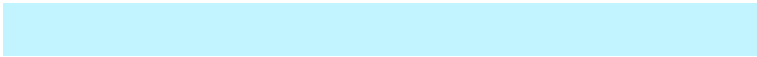


# Same Dimension

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



4291029747



4290966783



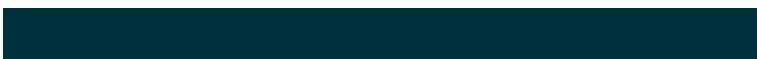
4291023603



4285429882



4278228922



4278202427



# Inverse Universe

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



4294165482



4294951668



4294173891



4286213752



4290379927

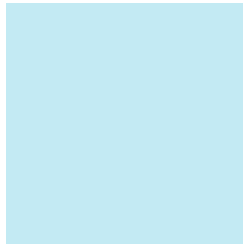


4282056752



# Previews

## White Background



This preview shows how the Android color 4291029747 looks on a white background.

## Color Contrast Check

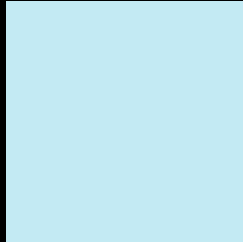
Large Text (above 18pt) WCAG AA × Fail

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 4291029747 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 4291029747 Background



This preview shows how black text looks on a background with the Android color 4291029747.

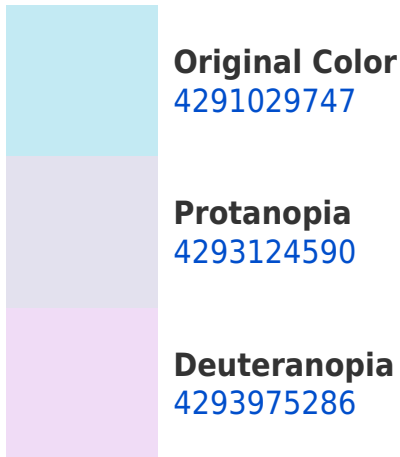


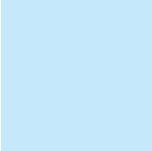
This preview shows how white text looks on a background with the Android color 4291029747.

# 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](#).

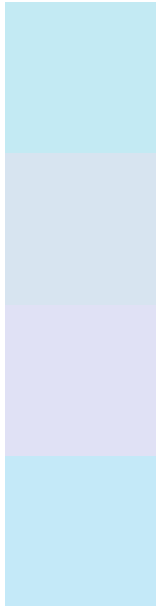
## Dichromacy





**Tritanopia**  
4291160571

# Trichromacy



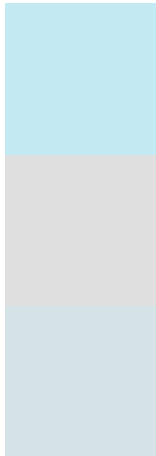
**Original Color**  
4291029747

**Protanomaly**  
4292338928

**Deuteranomaly**  
4292927989

**Tritanomaly**  
4291095032

# Monochromacy



**Original Color**  
4291029747

**Achromatopsia**  
4292861919

**Achromatomaly**  
4292207590

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291029747 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, 234, 243)` looks like.

```
.text, #text, p{  
    color:rgb(195, 234, 243)  
}
```

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, 234, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 234, 243) }
```

## Border

The CSS property to change the border of an element to Android 4291029747 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, 234, 243) }
```

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

```
.border{ border-color:rgb(195, 234, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 234, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 234, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 234, 243);  
box-shadow:4px 4px 4px 4px rgb(195, 234,  
243) }
```

# Background

The CSS property to change the background color of an element to Android 4291029747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 234, 243) }
```

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

```
.background{ background-color: rgb(195,  
234, 243) }
```

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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