

# Converting Colors

Android(4291623663)

Have a look what the booklet for  
Android(4291623663) contains.

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# **Color**

**Android(4291623663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCFAEF
RGB	204, 250, 239
RGB Percent	80%, 98%, 94%
CMY	0.2000, 0.0196, 0.0627
CMYK	0.18, 0.00, 0.04, 0.02
HSL	166°, 82%, 89%
HSV	166°, 18%, 98%
XYZ	74.6674, 87.4406, 94.6037
YIQ	234.9920, -23.8850, -13.1730

# Conversions

## Conversions Part 2

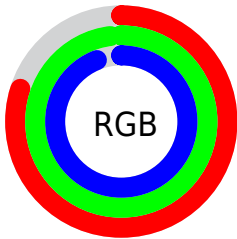
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 230, 250
Decimal	13433583
CIELab	94.92, -16.77, 0.41
CIELCh	95, 16.775, 178.615
Yxy	87.4406, 0.2909, 0.3406
Android (android.graphics.Color)	4291623663 (0xFFCCFAEF)
YUV	234.9920, 1.9759, -27.1800
Hunter-Lab	93.5097, -21.1097, 5.4731

# Details

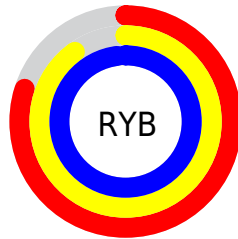
The Android color `4291623663` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294626519`, and the grayscale version is `4293651435`.

A 20% lighter version of the original color is `4294967295`, and `4288004535` is the 20% darker color. If you saturate the color by 10%, you get `4289985257`, and if you desaturate by 10%, it is `4293262069`.

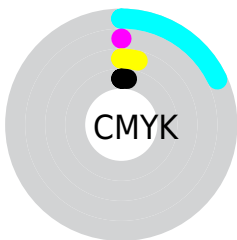
# Distribution



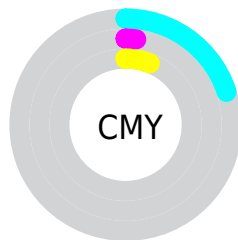
- Red (80%)
- Green (98%)
- Blue (94%)



- Red (80%)
- Yellow (90%)
- Blue (98%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)




- Cyan (20%)
- Magenta (2%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291623663 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 4291623663 by changing the saturation by 10% instead.



 4291623663

 4291623663

4294967295


 4289781203

 4288004535

 4286293660

 4284583042

 4282937961

 4281358929

 4279779898

 4278201381

 4278196239

 4291623663

 4291623663

 4289985257

 4293262069

 4288346851

 4294900475

 4286708445

 4294966015

 4285070039

 4283431633

 4281793227

 4280154821

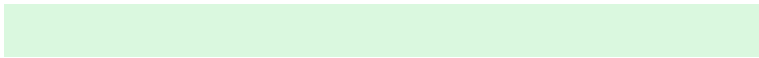
 4278516415

 4278254270

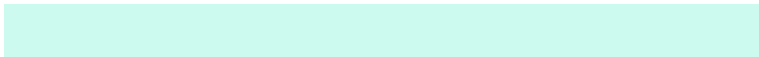
# Harmonies

## Analogous

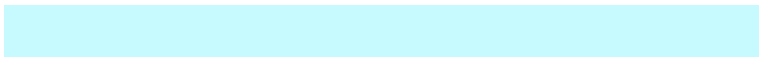
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4292540639



4291623663



4291295999

# Triad

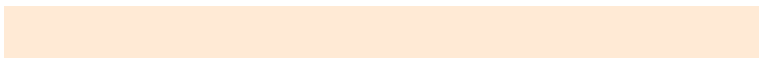
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291623663



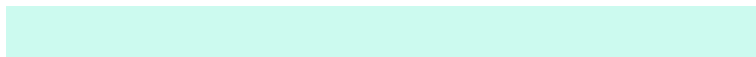
4294176255



4294961877

# Complementary

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



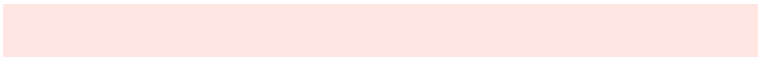
4291623663



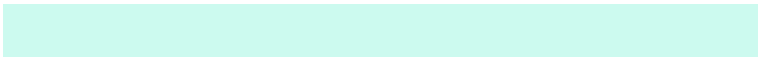
4294626519

# 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.



4294960866



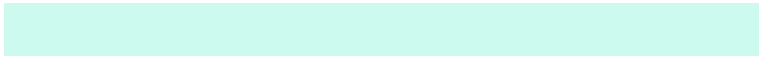
4291623663



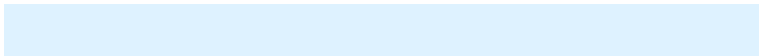
4294961407

# Square

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



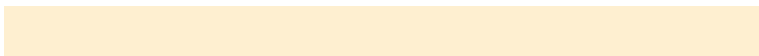
4291623663



4292801279



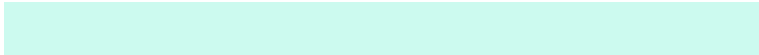
4294960626



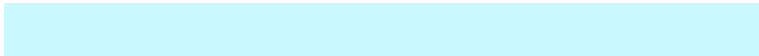
4294897616

# Rectangle

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



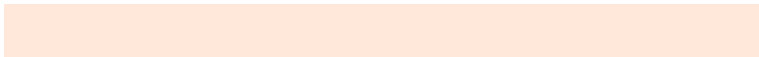
4291623663



4291492095



4294960626

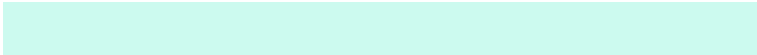


4294961369



# Sweetspot

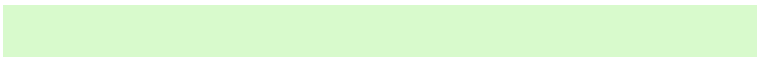
The Sweet Spot groups the original color and five complimentary colors.



4291623663



4293984251



4292410060



4286021757



4278190080



4286611584

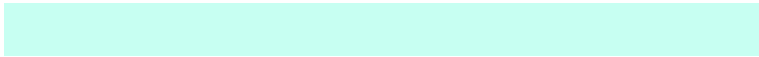


# Same Dimension

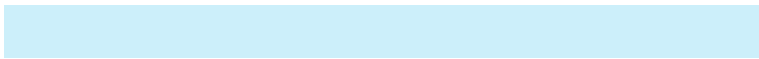
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291623663



4291297266



4291620858



4285562234



4278238608



4278205743



# Inverse Universe

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



4294626519



4294952916



4294629580



4286410867



4290576429

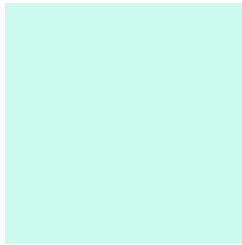


4282187791



# Previews

## White Background



This preview shows how the Android color 4291623663 looks on a white background.

## Color Contrast Check

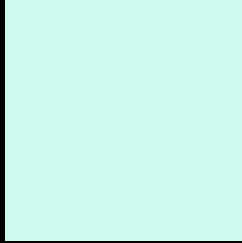
Large Text (above 18pt) WCAG AA × Fail

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 4291623663 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 4291623663 Background



This preview shows how black text looks on a background with the Android color 4291623663.



This preview shows how white text looks on a background with the Android color 4291623663.

# 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



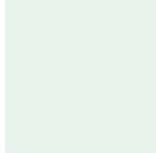


**Tritanopia**  
4292867071

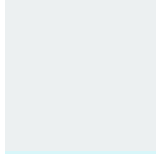
# Trichromacy



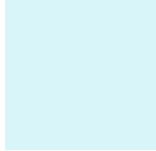
**Original Color**  
4291623663



**Protanomaly**  
4293391339



**Deuteranomaly**  
4293718257

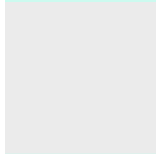


**Tritanomaly**  
4292409081

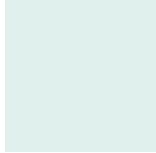
# Monochromacy



**Original Color**  
4291623663



**Achromatopsia**  
4293651435



**Achromatomaly**  
4292931820

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291623663 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(204, 250, 239)` looks like.

```
.text, #text, p{  
    color:rgb(204, 250, 239)  
}
```

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(204, 250, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 250, 239) }
```

## Border

The CSS property to change the border of an element to Android 4291623663 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(204, 250, 239) }
```

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

```
.border{ border-color:rgb(204, 250, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 250, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 250, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 250, 239);  
box-shadow:4px 4px 4px 4px rgb(204, 250,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4291623663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 250, 239) }
```

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

```
.background{ background-color: rgb(204,  
250, 239) }
```

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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