

# Converting Colors

Android(4282707914)

Have a look what the booklet for  
Android(4282707914) contains.

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# **Color**

**Android(4282707914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44EFCA
RGB	68, 239, 202
RGB Percent	27%, 94%, 79%
CMY	0.7333, 0.0627, 0.2078
CMYK	0.72, 0.00, 0.15, 0.06
HSL	167°, 84%, 60%
HSV	167°, 72%, 94%
XYZ	43.9111, 67.2262, 66.5387
YIQ	183.6530, -90.0390, -47.7590

# Conversions

## Conversions Part 2

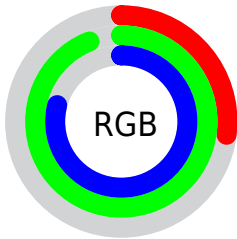
Format	Color
<a href="#">RYB</a>	<a href="#">68, 164, 239</a>
Decimal	<a href="#">4517834</a>
CIELab	<a href="#">85.62, -51.48, 5.48</a>
CIELCh	<a href="#">86, 51.771, 173.921</a>
Yxy	<a href="#">67.2262, 0.2471, 0.3784</a>
Android (android.graphics.Color)	<a href="#">4282707914</a> ( <a href="#">0xFF44EFCA</a> )
YUV	<a href="#">183.6530, 9.0451, -101.4277</a>
Hunter-Lab	<a href="#">81.9916, -47.8886, 9.2784</a>

# Details

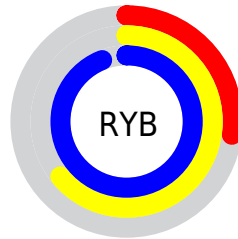
The Android color `4282707914` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted cyan. A complement of this color would be `4293870697`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4287299583`, and `4278236820` is the 20% darker color. If you saturate the color by 10%, you get `4281135045`, and if you desaturate by 10%, it is `4284280783`.

# Distribution



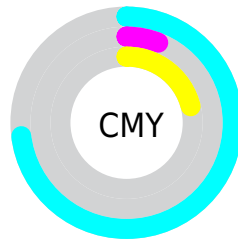
- Red (27%)
- Green (94%)
- Blue (79%)



- Red (27%)
- Yellow (64%)
- Blue (94%)



- Cyan (72%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)



- Cyan (73%)
- Magenta (6%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282707914 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 4282707914 by changing the saturation by 10% instead.



 4282707914

 4282707914

4294967295

 4278244015

 4287299583

 4278236820

 4289396735

 4278229626

 4291428351

 4278222945

 4293459967

 4278216266

 4278209587


 4278203422

 4278197254

 4278190080

 4282707914

 4282707914

 4281135045

 4284280783

 4279562176

 4285853652

 4278251451

 4287426522

 4288999391

 4290506724

 4292079593

 4293652462

 4294963187

 4294963193

# Harmonies

## Analogous

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



4287883930



4282707914



4278251516

# Triad

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



4282707914



4291612159



4294950536

# Complementary

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



4282707914



4293870697

# 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.



4294947249



4282707914



4294949887

# Square

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



4282707914



4285783807



4294946786



4294889587

# Rectangle

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



4282707914



4278250751



4294946786



4294949268

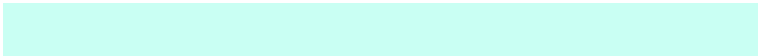


# Sweetspot

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



4282707914



4291428339



4285132612



4284514425



4278190080



4286611584



# Same Dimension

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



4282707914



4280614864



4282695663



4285298805



4278237328



4278204460



# Inverse Universe

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



4293870697



4294911059



4293882948



4286082158



4290248744

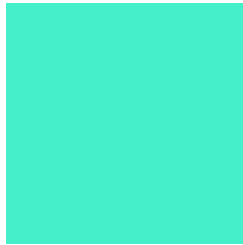


4281860108



# Previews

## White Background



This preview shows how the Android color 4282707914 looks on a white background.

## Color Contrast Check

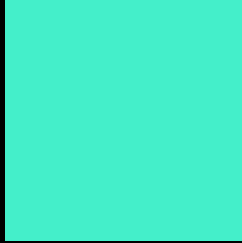
Large Text (above 18pt) WCAG AA × Fail

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 4282707914 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

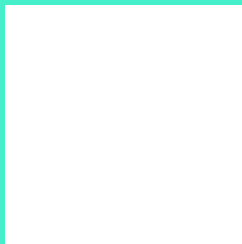
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282707914 Background



This preview shows how black text looks on a background with the Android color 4282707914.

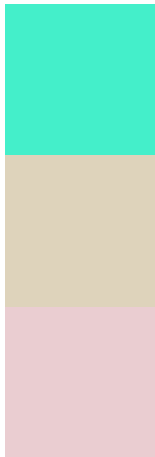


This preview shows how white text looks on a background with the Android color 4282707914.

# 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**  
4282707914

**Protanopia**  
4292793275

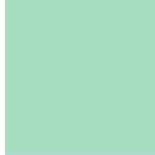
**Deuteranopia**  
4293578193



# Trichromacy



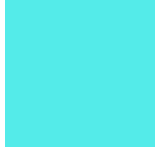
**Original Color**  
4282707914



**Protanomaly**  
4289125824



**Deuteranomaly**  
4289649102

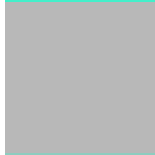


**Tritanomaly**  
4283755497

# Monochromacy



**Original Color**  
4282707914



**Achromatopsia**  
4290295992



**Achromatomaly**  
4287548607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282707914 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(68, 239, 202)` looks like.

```
.text, #text, p{  
    color:rgb(68, 239, 202)  
}
```

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(68, 239, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 239, 202) }
```

## Border

The CSS property to change the border of an element to Android 4282707914 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(68, 239, 202) }
```

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

```
.border{ border-color:rgb(68, 239, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 239, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 239, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 239, 202);  
box-shadow:4px 4px 4px 4px rgb(68, 239,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4282707914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 239, 202) }
```

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

```
.background{ background-color: rgb(68, 239,  
202) }
```

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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