

# Converting Colors

Android(4282709912)

Have a look what the booklet for  
Android(4282709912) contains.

<b>Android(4282709912)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4282709912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44F798
RGB	68, 247, 152
RGB Percent	27%, 97%, 60%
CMY	0.7333, 0.0314, 0.4039
CMYK	0.72, 0.00, 0.38, 0.03
HSL	148°, 92%, 62%
HSV	148°, 72%, 97%
XYZ	41.3122, 70.0175, 41.0431
YIQ	182.6490, -76.1890, -67.4930

# Conversions

## Conversions Part 2

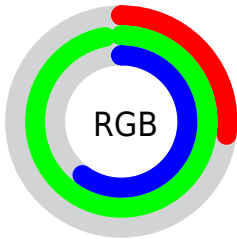
Format	Color
<a href="#">RYB</a>	<a href="#">68, 190, 247</a>
Decimal	<a href="#">4519832</a>
CIELab	<a href="#">87.01, -65.24, 33.12</a>
CIELCh	<a href="#">87, 73.167, 153.084</a>
Yxy	<a href="#">70.0175, 0.2711, 0.4595</a>
Android (android.graphics.Color)	<a href="#">4282709912</a> <a href="#">(0xFF44F798)</a>
YUV	<a href="#">182.6490, -15.1100, -100.5472</a>
Hunter-Lab	<a href="#">83.6764, -58.3060, 29.4919</a>

# Details

The Android color `4282709912` is a light color, and the websafe version is hex `33FF99`. The color can be described as light washed spring green. A complement of this color would be `4294395043`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4287299535`, and `4278238564` is the 20% darker color. If you saturate the color by 10%, you get `4281071499`, and if you desaturate by 10%, it is `4284348325`.

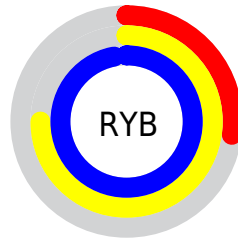
# Distribution



Red (27%)

Green (97%)

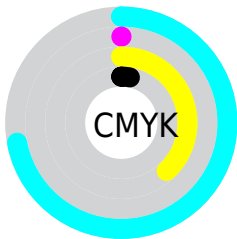
Blue (60%)



Red (27%)

Yellow (75%)

Blue (97%)

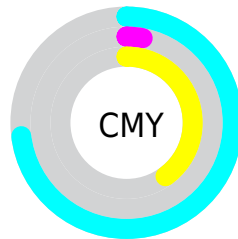


Cyan (72%)

Magenta (0%)

Yellow (38%)

Black (3%)



Cyan (73%)

Magenta (3%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282709912 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 4282709912 by changing the saturation by 10% instead.





4282709912



4282709912

4294967295



4278246014



4287299535



4278238564



4289396715



4278231371



4291428351



4278224435



4293459967



4278217499



4278210817



4278204672



4278198272



4278190080

 4282709912

 4282709912

 4281071499

 4284348325

 4279498622

 4285921202

 4278253428

 4287559615

 4289198028

 4290770906

 4292409319

 4294047732

 4294965247

# Harmonies

## Analogous

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



4289850462



4282709912



4278254815

# Triad

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



4282709912



4283162623



4294944146

# Complementary

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



4282709912



4294395043

# 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.



4294941398



4282709912



4293314047

# Square

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



4282709912



4278252031



4294945023



4294950748

# Rectangle

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



4282709912



4278254847



4294945023



4294942631

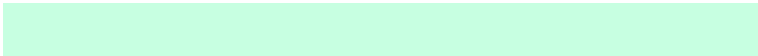


# Sweetspot

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



4282709912



4291297249



4288935748



4284383342



4278190080



4286611584



# Same Dimension

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



4282709912



4280418185



4282710001



4285430388



4278237783



4278205212



# Inverse Universe

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



4294395043



4294910359



4294394954



4286213749



4290379875

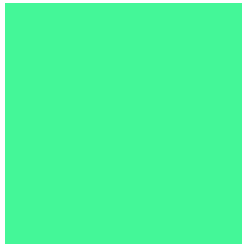


4282056735



# Previews

## White Background



This preview shows how the Android color 4282709912 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 4282709912 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 4282709912 Background



This preview shows how black text looks on a background with the Android color 4282709912.



This preview shows how white text looks on a background with the Android color 4282709912.

# 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





# Trichromacy



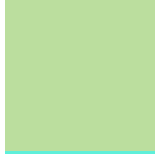
**Original Color**

4282709912



**Protanomaly**

4289651600



**Deuteranomaly**

4290502302



**Tritanomaly**

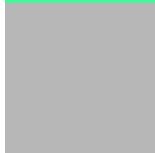
4284411865

# Monochromacy



**Original Color**

4282709912



**Achromatopsia**

4290230199



**Achromatomaly**

4287483564

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282709912 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, 247, 152)` looks like.

```
.text, #text, p{  
    color:rgb(68, 247, 152)  
}
```

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, 247, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 247, 152) }
```

## Border

The CSS property to change the border of an element to Android 4282709912 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, 247, 152) }
```

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

```
.border{ border-color:rgb(68, 247, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 247, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 247, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 247, 152);  
box-shadow:4px 4px 4px 4px rgb(68, 247,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4282709912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 247, 152) }
```

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

```
.background{ background-color: rgb(68, 247,  
152) }
```

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