

# Converting Colors

Android(4282900992)

Have a look what the booklet for  
Android(4282900992) contains.

<b>Android(4282900992)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Android(4282900992)**

# Conversions

Conversions Part 1	
Format	Color
Hex	47E200
RGB	71, 226, 0
RGB Percent	28%, 89%, 0%
CMY	0.7216, 0.1137, 1.0000
CMYK	0.69, 0.00, 1.00, 0.11
HSL	101°, 100%, 44%
HSV	101°, 100%, 89%
XYZ	29.7949, 55.7323, 9.1871
YIQ	153.8910, -19.8340, -103.1460

# Conversions

## Conversions Part 2

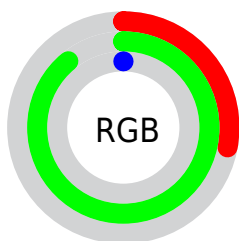
Format	Color
<a href="#">RYB</a>	<a href="#">0, 226, 155</a>
Decimal	<a href="#">4710912</a>
CIELab	<a href="#">79.46, -71.82, 76.87</a>
CIELCh	<a href="#">79, 105.196, 133.054</a>
Yxy	<a href="#">55.7323, 0.3146, 0.5884</a>
Android (android.graphics.Color)	<a href="#">4282900992</a> <a href="#">(0xFF47E200)</a>
YUV	<a href="#">153.8910, -75.8683, -72.6954</a>
Hunter-Lab	<a href="#">74.6541, -59.4042, 44.9615</a>

# Details

The Android color **4282900992** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **4288348386**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4287430486**, and **4278233344** is the 20% darker color. If you saturate the color by 10%, you get **4282900992**, and if you desaturate by 10%, it is **4283884055**.

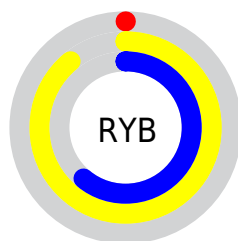
# Distribution



Red (28%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (61%)

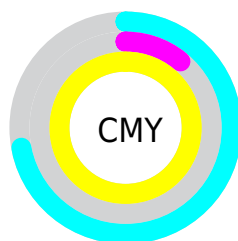


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (72%)

Magenta (11%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282900992 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 4282900992 by changing the saturation by 10% instead.



 4282900992	 4282900992
 4294967295	 4279092480
 4287430486	 4278233344
 4289527668	 4278226432
 4291559314	 4278219520
 4293656495	 4278212864
 4294967244	 4278206464
 4294967274	 4278200064
	 4278190080

 4282900992

 4283884055

 4284932653

 4285981252

 4286964314

 4287947377

 4288995976

 4289979038

 4291027637

 4292076235

# Harmonies

## Analogous

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



4291218944



4282900992



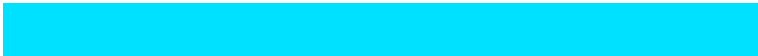
4278250632

# Triad

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



4282900992



4278247679



4294919839

# Complementary

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



4282900992



4288348386

# 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.



4294924543



4282900992



4278240255

# Square

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



4282900992



4278251007



4294743039



4294932800

# Rectangle

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



4282900992



4278251469



4294743039



4294918591

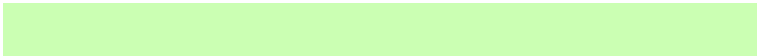


# Sweetspot

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



4282900992



4291559347



4293040640



4284514386



4278190080



4286611584



# Same Dimension

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



4282900992



4283498240



4278247977



4285100133



4281839616



4279185408



# Inverse Universe

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



4288348386



4289659135



4293001401



4285359472



4286120112

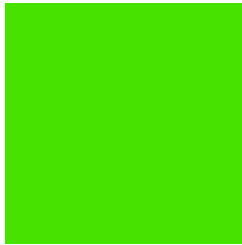


4280352816



# Previews

## White Background



This preview shows how the Android color 4282900992 looks on a white background.

## Color Contrast Check

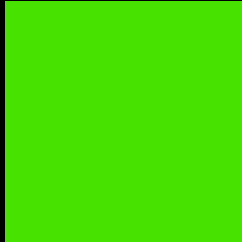
Large Text (above 18pt) WCAG AA × Fail

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 4282900992 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

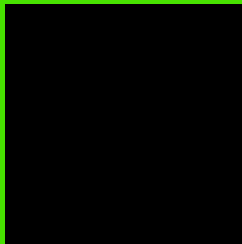
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282900992 Background



This preview shows how black text looks on a background with the Android color 4282900992.



This preview shows how white text looks on a background with the Android color 4282900992.

# 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**  
4282900992

**Protanopia**  
4292658176

**Deuteranopia**  
4294293808



# Trichromacy

	<b>Original Color</b> 4282900992
	<b>Protanomaly</b> 4289122048
	<b>Deuteranomaly</b> 4290168863
	<b>Tritanomaly</b> 4284733584

# Monochromacy

	<b>Original Color</b> 4282900992
	<b>Achromatopsia</b> 4288322202
	<b>Achromatomaly</b> 4286362722

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282900992 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(71, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 226, 0)  
}
```

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(71, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 226, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282900992 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(71, 226, 0) }
```

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

```
.border{ border-color:rgb(71, 226, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 226, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(71, 226, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282900992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(71, 226, 0) }
```

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

```
.background{ background-color:rgb(71, 226,  
0) }
```

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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