

# Converting Colors

Android(4291750144)

Have a look what the booklet for  
Android(4291750144) contains.

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# **Color**

**Android(4291750144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEE900
RGB	206, 233, 0
RGB Percent	81%, 91%, 0%
CMY	0.1922, 0.0863, 1.0000
CMYK	0.12, 0.00, 1.00, 0.09
HSL	67°, 100%, 46%
HSV	67°, 100%, 91%
XYZ	54.5925, 71.3996, 10.9042
YIQ	198.3650, 58.7010, -78.1870

# Conversions

## Conversions Part 2

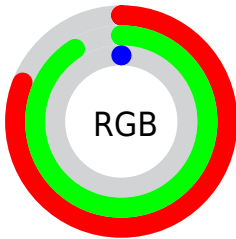
Format	Color
<a href="#">RYB</a>	<a href="#">0, 233, 27</a>
Decimal	<a href="#">13560064</a>
CIELab	<a href="#">87.68, -31.27, 85.88</a>
CIELCh	<a href="#">88, 91.394, 110.005</a>
Yxy	<a href="#">71.3996, 0.3988, 0.5216</a>
Android (android.graphics.Color)	<a href="#">4291750144 (0xFFCEE900)</a>
YUV	<a href="#">198.3650, -97.7939, 6.6959</a>
Hunter-Lab	<a href="#">84.4983, -32.5471, 51.4977</a>

# Details

The Android color **4291750144** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **4279959785**, and the grayscale version is **4291282887**.

A 20% lighter version of the original color is **4294967131**, and **4287869184** is the 20% darker color. If you saturate the color by 10%, you get **4291750144**, and if you desaturate by 10%, it is **4291946775**.

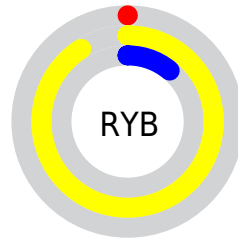
# Distribution



Red (81%)

Green (91%)

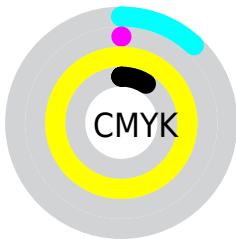
Blue (0%)



Red (0%)

Yellow (91%)

Blue (11%)

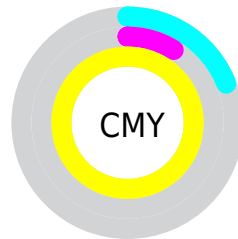


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (19%)

Magenta (9%)


















Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291750144 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 4291750144 by changing the saturation by 10% instead.



 4291750144	 4291750144
4294967295	 4289776896
 4294967131	 4287869184
 4294967161	 4285961984
 4294967191	 4284054784
 4294967220	 4282147840
 4294967250	 4280175616
 4294967280	 4278203648
	 4278198528
	 4278190080

 4291750144

 4291946775

 4292077871

 4292274502

 4292471133

 4292667765

 4292798860

 4292995491

 4293192122

 4293323218

# Harmonies

## Analogous

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



4294954240



4291750144



4284217955

# Triad

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



4291750144



4278255359



4294936573

# Complementary

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



4291750144



4279959785

# 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.



4294945279



4291750144



4278251263

# Square

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



4291750144



4278255615



4288532991



4294936486

# Rectangle

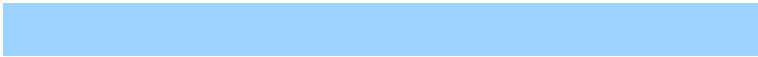
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291750144



4278255517



4288532991



4294938879



# Sweetspot

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



4291750144



4294377395



4293465856



4286218322



4278190080



4286611584



# Same Dimension

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



4291750144



4293000960



4284344576



4285822314



4288722176



4281284096



# Inverse Universe

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



4279959785



4280156415



4287365353



4285229685



4279566517

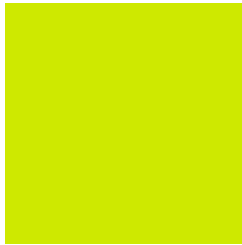


4278583350



# Previews

## White Background



This preview shows how the Android color 4291750144 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 4291750144 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 4291750144 Background



This preview shows how black text looks on a background with the Android color 4291750144.



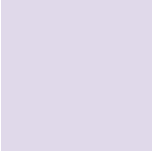
This preview shows how white text looks on a background with the Android color 4291750144.

# 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](#).

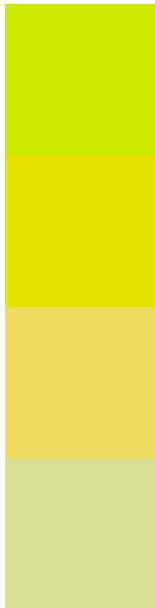
## Dichromacy





**Tritanopia**  
4292925930

# Trichromacy



**Original Color**  
4291750144

**Protanomaly**  
4293517568

**Deuteranomaly**  
4293778527

**Tritanomaly**  
4292468629

# Monochromacy



**Original Color**  
4291750144

**Achromatopsia**  
4291217094

**Achromatomaly**  
4291416958

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291750144 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(206, 233, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 233, 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(206, 233, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 233, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291750144 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(206, 233, 0) }
```

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

```
.border{ border-color:rgb(206, 233, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 233, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 233, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 233, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 233,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4291750144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 233, 0) }
```

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

```
.background{ background-color: rgb(206,  
233, 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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