

# Converting Colors

Android(4291162710)

Have a look what the booklet for  
Android(4291162710) contains.

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# **Color**

**Android(4291162710)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5F256
RGB	197, 242, 86
RGB Percent	77%, 95%, 34%
CMY	0.2275, 0.0510, 0.6627
CMYK	0.19, 0.00, 0.64, 0.05
HSL	77°, 86%, 64%
HSV	77°, 64%, 95%
XYZ	56.4578, 76.0465, 20.5069
YIQ	210.7610, 23.2560, -58.0560

# Conversions

## Conversions Part 2

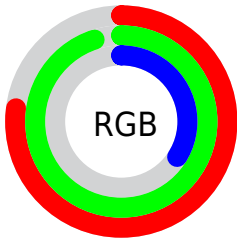
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 242, 131
Decimal	12972630
CIELab	89.88, -36.08, 67.91
CIELCh	90, 76.900, 117.979
Yxy	76.0465, 0.3690, 0.4970
Android (android.graphics.Color)	4291162710 (0xFFC5F256)
YUV	210.7610, -61.5072, -12.0684
Hunter-Lab	87.2046, -37.0441, 47.1007

# Details

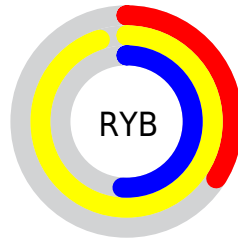
The Android color **4291162710** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **4286797554**, and the grayscale version is **4292072403**.

A 20% lighter version of the original color is **4294967182**, and **4287347220** is the 20% darker color. If you saturate the color by 10%, you get **4290703934**, and if you desaturate by 10%, it is **4291621486**.

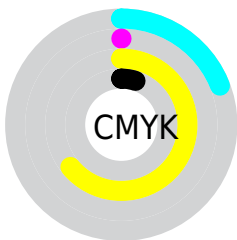
# Distribution



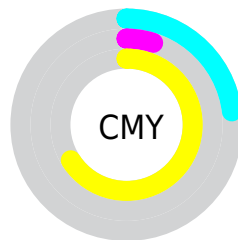
- Red (77%)
- Green (95%)
- Blue (34%)



- Red (34%)
- Yellow (95%)
- Blue (51%)



- Cyan (19%)
- Magenta (0%)
- Yellow (64%)
- Black (5%)


















- Cyan (23%)
- Magenta (5%)
- Yellow (66%)


# Brightness & Saturation Gradients


These gradients show how the Android color 4291162710 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 4291162710 by changing the saturation by 10% instead.




 4291162710	 4291162710
4294967295	 4289254969
 4294967182	 4287347220
 4294967211	 4285505280
 4294967239	 4283663360
 4294967268	 4281887488
	 4279783936
	 4278205184
	 4278199808
	 4278190080

 4291162710

 4291162710

 4290703934

 4291621486

 4290245158

 4292080262

 4289786381

 4292539039

 4289524224

 4292997815

 4293456591

 4293915367

 4294374143

 4294832895

 4294963967

# Harmonies

## Analogous

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



4294958403



4291162710



4284415888

# Triad

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



4291162710



4278255103



4294942698

# Complementary

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



4291162710



4286797554

# 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.



4294947583



4291162710



4278250751

# Square

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



4291162710



4278255615



4292596223



4294944417

# Rectangle

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



4291162710



4278255553



4292596223



4294943743

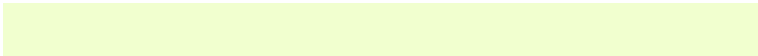


# Sweetspot

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



4291162710



4294049743



4294083158



4286021730



4278190080



4286611584



# Same Dimension

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



4291162710



4291231547



4286116438



4285823084



4286822400



4280825856



# Inverse Universe

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



4286797554



4285742079



4291843826



4285492344



4281663672

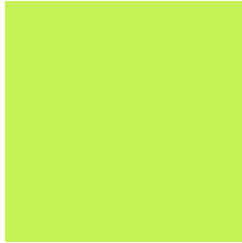


4279238712



# Previews

## White Background



This preview shows how the Android color 4291162710 looks on a white background.

## Color Contrast Check

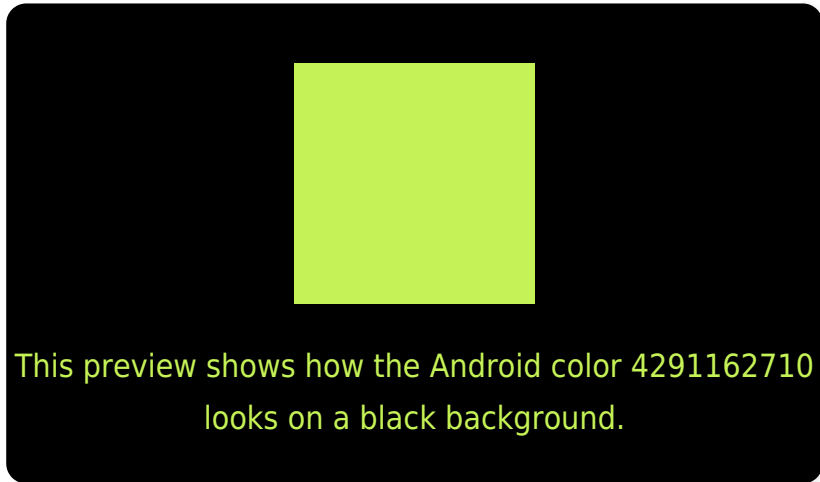
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4291162710 Background



This preview shows how black text looks on a background with the Android color 4291162710.

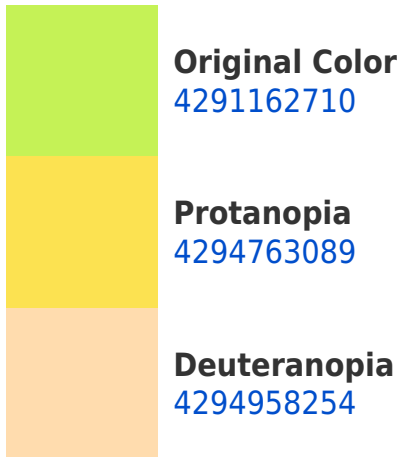


This preview shows how white text looks on a background with the Android color 4291162710.

# Color Blindness Simulation

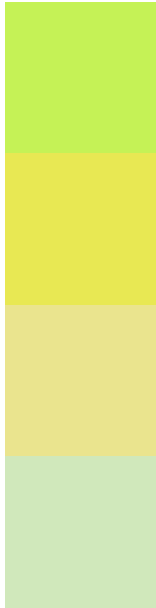
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



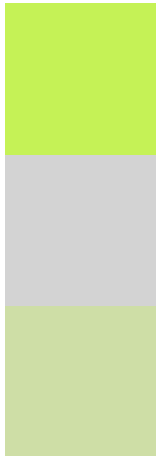
**Original Color**  
4291162710

**Protanomaly**  
4293453907

**Deuteranomaly**  
4293584014

**Tritanomaly**  
4291881147

# Monochromacy



**Original Color**  
4291162710

**Achromatopsia**  
4292072403

**Achromatomaly**  
4291747494

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291162710 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(197, 242, 86)` looks like.

```
.text, #text, p{  
    color:rgb(197, 242, 86)  
}
```

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(197, 242, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 242, 86) }
```

## Border

The CSS property to change the border of an element to Android 4291162710 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(197, 242, 86) }
```

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

```
.border{ border-color:rgb(197, 242, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 242, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 242, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 242, 86);  
box-shadow:4px 4px 4px 4px rgb(197, 242,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4291162710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 242, 86) }
```

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

```
.background{ background-color: rgb(197,  
242, 86) }
```

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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