

# Converting Colors

Android(4291289194)

Have a look what the booklet for  
Android(4291289194) contains.

<b>Android(4291289194)</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(4291289194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E06A
RGB	199, 224, 106
RGB Percent	78%, 88%, 42%
CMY	0.2196, 0.1216, 0.5843
CMYK	0.11, 0.00, 0.53, 0.12
HSL	73°, 66%, 65%
HSV	73°, 53%, 88%
XYZ	52.8104, 66.4940, 23.6869
YIQ	203.0730, 22.9780, -41.9980

# Conversions

## Conversions Part 2

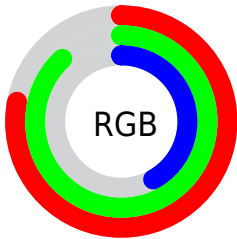
Format	Color
<a href="#">RYB</a>	<a href="#">106, 224, 131</a>
Decimal	<a href="#">13099114</a>
CIELab	<a href="#">85.25, -25.36, 54.28</a>
CIElCh	<a href="#">85, 59.912, 115.043</a>
Yxy	<a href="#">66.4940, 0.3693, 0.4650</a>
Android (android.graphics.Color)	<a href="#">4291289194 (0xFFC7E06A)</a>
YUV	<a href="#">203.0730, -47.8570, -3.5720</a>
Hunter-Lab	<a href="#">81.5439, -27.0996, 39.8581</a>

# Details

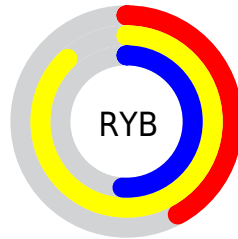
The Android color `4291289194` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4286802656`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4294967200`, and `4287605045` is the 20% darker color. If you saturate the color by 10%, you get `4290961492`, and if you desaturate by 10%, it is `4291616896`.

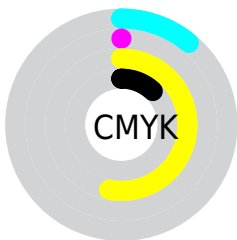
# Distribution



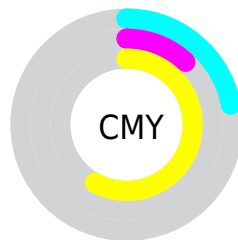
- Red (78%)
- Green (88%)
- Blue (42%)



- Red (42%)
- Yellow (88%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (53%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291289194 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 4291289194 by changing the saturation by 10% instead.





4291289194



4291289194

4294967295



4289446992



4294967200



4287605045



4294967228



4285763095



4294967257



4284052736



4294967286



4282342400



4280632320



4278660608




4278196992




4278190080

 4291289194

 4291289194

 4290961492

 4291616896

 4290699325

 4291879063

 4290371623

 4292206765

 4290043920

 4292534468

 4289847296

 4292862170

 4293124336

 4293452031

 4293779711

 4294107391

# Harmonies

## Analogous

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



4294954849



4291289194



4286770322

# Triad

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



4291289194



4278250495



4294944481

# Complementary

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



4291289194



4286802656

# 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.



4294948095



4291289194



4283555583

# Square

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



4291289194



4278252031



4291480319



4294945192

# Rectangle

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



4291289194



4281987254



4291480319



4294945268

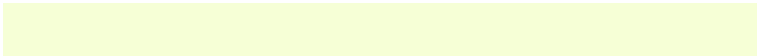


# Sweetspot

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



4291289194



4294377430



4292903530



4286218343



4278190080



4286611584



# Same Dimension

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



4291289194



4292738910



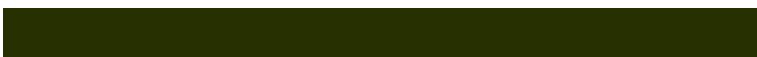
4287488106



4285427813



4287344640



4280692736



# Inverse Universe

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



4286802656



4286603007



4290603744



4284966256



4280615088



4278845488



# Previews

## White Background



This preview shows how the Android color 4291289194 looks on a white background.

## Color Contrast Check

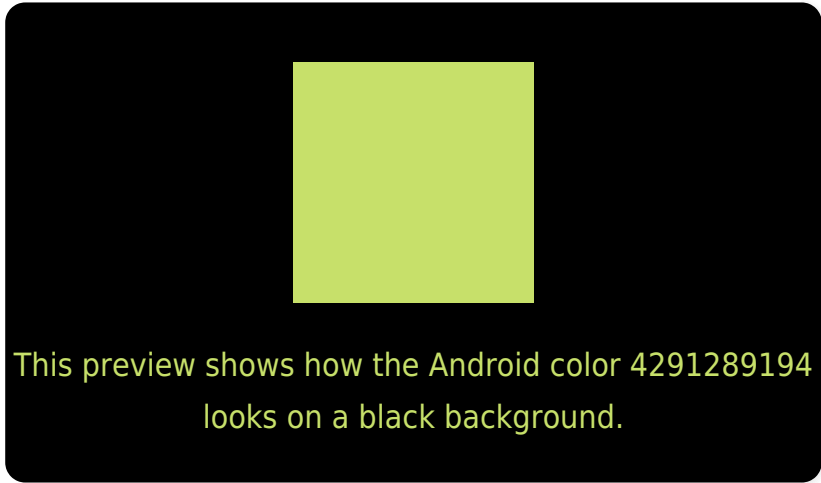
Large Text (above 18pt) WCAG AA × Fail

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 4291289194 Background



This preview shows how black text looks on a background with the Android color 4291289194.



This preview shows how white text looks on a background with the Android color 4291289194.

# 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



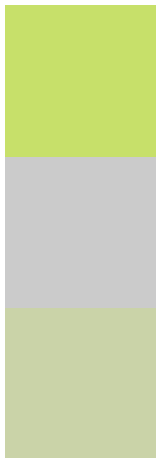
**Original Color**  
4291289194

**Protanomaly**  
4292794727

**Deuteranomaly**  
4293645177

**Tritanomaly**  
4291877048

# Monochromacy



**Original Color**  
4291289194

**Achromatopsia**  
4291546059

**Achromatomaly**  
4291482536

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291289194 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(199, 224, 106)` looks like.

```
.text, #text, p{  
    color:rgb(199, 224, 106)  
}
```

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(199, 224, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 224, 106) }
```

## Border

The CSS property to change the border of an element to Android 4291289194 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(199, 224, 106) }
```

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

```
.border{ border-color:rgb(199, 224, 106) }
```

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

Here you see how a box with a 4 pixel rgb(199, 224, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 224, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 224, 106);  
box-shadow:4px 4px 4px 4px rgb(199, 224,  
106) }
```

# Background

The CSS property to change the background color of an element to Android 4291289194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 224, 106) }
```

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

```
.background{ background-color: rgb(199,  
224, 106) }
```

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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