

Converting Colors

Android(4290707200)

Have a look what the booklet for
Android(4290707200) contains.

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Color

Android(4290707200)

Conversions

Conversions Part 1

Format	Color
Hex	BEFF00
RGB	190, 255, 0
RGB Percent	75%, 100%, 0%
CMY	0.2549, 0.0000, 1.0000
CMYK	0.25, 0.00, 1.00, 0.00
HSL	75°, 100%, 50%
HSV	75°, 100%, 100%
XYZ	56.9952, 82.4671, 12.9138
YIQ	206.4950, 43.1150, -93.0850

Conversions

Conversions Part 2

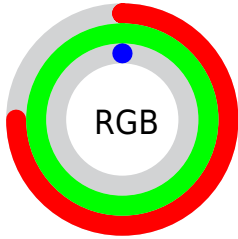
Format	Color
RYB	0, 255, 65
Decimal	12517120
CIELab	92.78, -47.25, 89.29
CIELCh	93, 101.019, 117.886
Yxy	82.4671, 0.3740, 0.5412
Android (android.graphics.Color)	4290707200 (0xFFBEFF00)
YUV	206.4950, -101.8020, -14.4661
Hunter-Lab	90.8114, -46.8896, 55.1367

Details

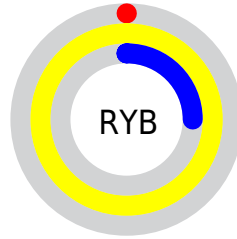
The Android color `4290707200` is a dark color, and the websafe version is hex `CCFF00`. The color can be described as middle saturated chartreuse. A complement of this color would be `4282450175`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4294704990`, and `4286760448` is the 20% darker color. If you saturate the color by 10%, you get `4290707200`, and if you desaturate by 10%, it is `4291165977`.

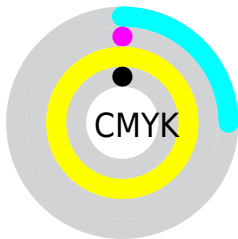
Distribution



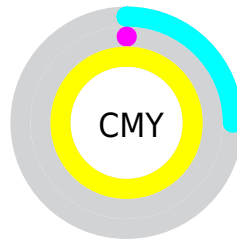
- Red (75%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (25%)



- Cyan (25%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)




















- Cyan (25%)
- Magenta (0%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Android color 4290707200 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 4290707200 by changing the saturation by 10% instead.

 4290707200	 4290707200
4294967295	 4288733696
 4294704990	 4286760448
 4294967166	 4284787200
 4294967196	 4282814464
 4294967226	 4280448512
 4294967256	 4278213632
 4294967286	 4278207488
	 4278201856
	 4278194432

 4290707200

 4291165977

 4291559219

 4292017997

 4292411238

 4292870016

 4293263257

 4293722035

 4294115276

 4294574054

Harmonies

Analogous

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



4294960128



4290707200



4278255484

Triad

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



4290707200



4278255615



4294935285

Complementary

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



4290707200



4282450175

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.



4294943999



4290707200



4278253823

Square

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



4290707200



4278255615



4292334591



4294939030

Rectangle

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



4290707200



4278255550



4292334591



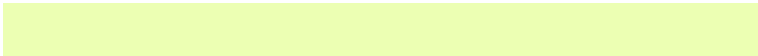
4294937087

Sweetspot

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



4290707200



4293722035



4294918144



4285825106



4278190080



4286611584

Same Dimension

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



4290707200



4282449664



4286349427



4287610624



4281352192

Inverse Universe

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



4282450175



4290707711



4285952896



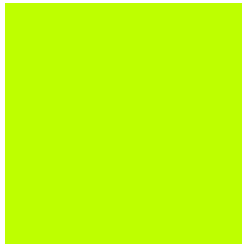
4281401535



4279238720

Previews

White Background



This preview shows how the Android color 4290707200 looks on a white background.

Color Contrast Check

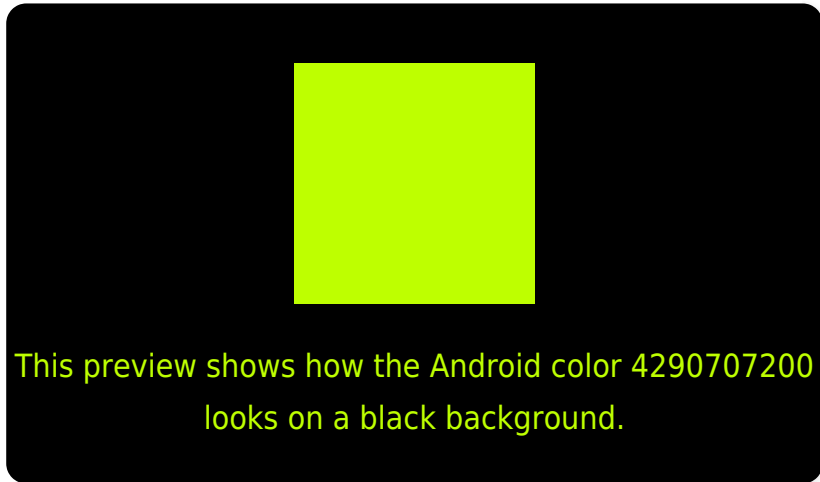
Large Text (above 18pt) WCAG AA × Fail

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

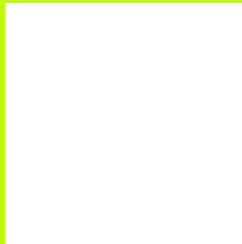
Any Text WCAG AAA ✓ Pass

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

Android 4290707200 Background



This preview shows how black text looks on a background with the Android color 4290707200.



This preview shows how white text looks on a background with the Android color 4290707200.

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](#).

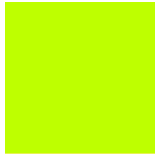
Dichromacy



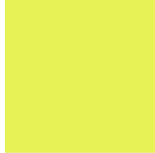


Tritanopia
4292275711

Trichromacy



Original Color
4290707200



Protanomaly
4293390933

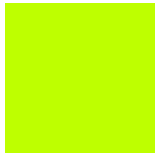


Deuteranomaly
4293390205

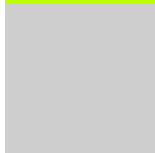


Tritanomaly
4291687586

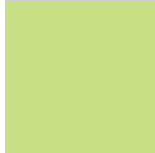
Monochromacy



Original Color
4290707200



Achromatopsia
4291743438



Achromatomaly
4291354755

CSS Examples

Text

The CSS property to change the color of the text to Android 4290707200 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(190, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 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(190, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 0) }
```

Border

The CSS property to change the border of an element to Android 4290707200 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(190, 255, 0) }
```

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

```
.border{ border-color:rgb(190, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4290707200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 0) }
```

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

```
.background{ background-color: rgb(190,  
255, 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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