Converting Colors

Android(4291755893)

Have a look what the booklet for Android(4291755893) contains.

Color

Android(4291755893)

Conversions

Conversions Part 1

Format	Color
Hex	CEFF75
RGB	206, 255, 117
RGB Percent	81%, 100%, 46%
CMY	0.1922, 0.0000, 0.5412
CMYK	0.19, 0.00, 0.54, 0.00
HSL	81°, 100%, 73%
HSV	81°, 54%, 100%
XYZ	64.4245, 85.9262, 30.0195
YIQ	224.6170, 15.0940, -53.3060

Conversions

Conversions Part 2

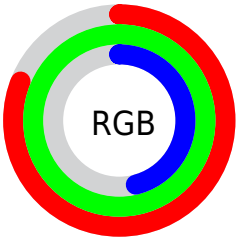
Format	Color
RYB	117, 255, 166
Decimal	13565813
CIELab	94.28, -36.14, 59.97
CIELCh	94, 70.015, 121.072
Yxy	85.9262, 0.3572, 0.4764
Android (android.graphics.Color)	4291755893 (0xFFCEFF75)
YUV	224.6170, -53.0552, -16.3271
Hunter-Lab	92.6964, -38.1602, 45.6865

Details

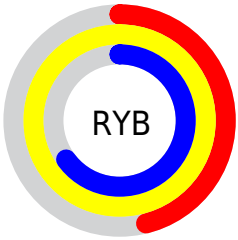
The Android color 4291755893 is a light color, and the websafe version is hex CCFF66. A complement of this color would be 4289099263, and the grayscale version is 4292993505.

A 20% lighter version of the original color is 4294967212, and 4288005694 is the 20% darker color. If you saturate the color by 10%, you get 4291166043, and if you desaturate by 10%, it is 4292345743.

Distribution

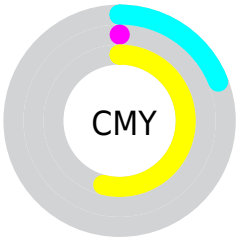


- Red (81%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (65%)

- Cyan (19%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291755893 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 4291755893 by changing the saturation by 10% instead.

4291755893

4294967295

4294967212

4294967241

4294967270

4291755893

4289847898

4288005694

4286163744

4284321792

4282545664

4280769792

4278207744

4278201856

4278196224

4291755893

4291166043

4290576194

4289986344

4289396495

4289003264

4291755893

4292345743

4292935592

4293525442

4294115291

4294705140

4294967295

Harmonies

Analogous

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

4294962273

4291755893

4285726634

Triad

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

4291755893

4278255615

4294948079

Complementary

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

4291755893

4289099263

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.

4294951679

4291755893

4285396479

Square

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

4291755893

4278255615

4294302975

4294950060

Rectangle

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

4291755893

4278255575

4294302975

4294948607

Sweetspot

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

4291755893

4294049750

4294944117

4286021735

4278190080

4286611584

Same Dimension

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

4291755893

4291100505

4287299445

4286283891

4286299904

4280893440

Inverse Universe

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

4289099263

4287912447

4293555711

4286018432

4282646719

4279697472

Previews

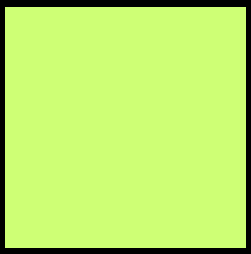
White Background

This preview shows how the Android color 4291755893 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



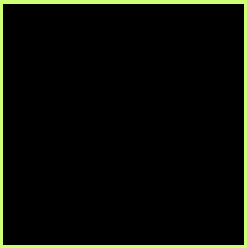
This preview shows how the Android color 4291755893 looks on a black background.

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 4291755893 Background



This preview shows how black text looks on a background with the Android color 4291755893.

This preview shows how white text looks on a background with the Android color 4291755893.

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
4291755893

Protanopia
4294962857

Deuteranopia
4294962132

Tritanopia
4293128191

Trichromacy

Original Color
4291755893

Protanomaly
4293784726

Deuteranomaly
4293784241

Tritanomaly
4292605389

Monochromacy

Original Color
4291755893

Achromatopsia
4292993505

Achromatomaly
4292537530

CSS Examples

Text

The CSS property to change the color of the text to Android 4291755893 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, 255, 117) looks like.

```
.text, #text, p{
    color:rgb(206, 255, 117)
}
```

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, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 117) }
```

Border

The CSS property to change the border of an element to Android 4291755893 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, 255, 117) }
```

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

```
.border{ border-color:rgb(206, 255, 117) }
```

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

Here you see how a box with a 4 pixel rgb(206, 255, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 255, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 255, 117); box-shadow:4px 4px 4px 4px rgb(206, 255, 117) }
```

Background

The CSS property to change the background color of an element to Android 4291755893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(206, 255, 117) }
```

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

```
.background{ background-color:rgb(206,
255, 117) }
```

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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