

Converting Colors

Android(4291750427)

Have a look what the booklet for
Android(4291750427) contains.

Android(4291750427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291750427)

Conversions

Conversions Part 1

Format	Color
Hex	CEEA1B
RGB	206, 234, 27
RGB Percent	81%, 92%, 11%
CMY	0.1922, 0.0824, 0.8941
CMYK	0.12, 0.00, 0.88, 0.08
HSL	68°, 83%, 51%
HSV	68°, 88%, 92%
XYZ	55.0742, 72.0466, 12.0406
YIQ	202.0300, 49.7590, -70.3130

Conversions

Conversions Part 2

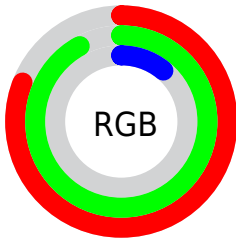
Format	Color
RYB	27, 234, 55
Decimal	13560347
CIELab	87.99, -31.39, 83.30
CIELCh	88, 89.017, 110.650
Yxy	72.0466, 0.3958, 0.5177
Android (android.graphics.Color)	4291750427 (0xFFCCEEA1B)
YUV	202.0300, -86.2898, 3.4817
Hunter-Lab	84.8803, -32.7214, 51.0057

Details

The Android color `4291750427` is a light color, and the websafe version is hex `CCFF33`. The color can be described as light washed yellow. A complement of this color would be `4281801706`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4294967139`, and `4287869440` is the 20% darker color. If you saturate the color by 10%, you get `4291553796`, and if you desaturate by 10%, it is `4291947058`.

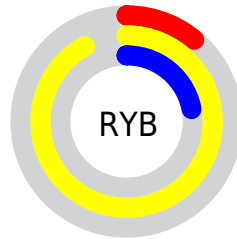
Distribution



Red (81%)

Green (92%)

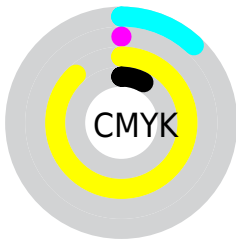
Blue (11%)



Red (11%)

Yellow (92%)

Blue (22%)

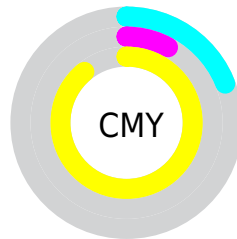


Cyan (12%)

Magenta (0%)

Yellow (88%)

Black (8%)



Cyan (19%)


















Magenta (8%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291750427 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 4291750427 by changing the saturation by 10% instead.

 4291750427	 4291750427
4294967295	 4289777152
 4294967139	 4287869440
 4294967169	 4285962240
 4294967198	 4284120576
 4294967228	 4282213632
 4294967257	 4280241152
 4294967287	 4278203648
	 4278198784
	 4278190080

■ 4291750427

■ 4291750427

■ 4291553796

■ 4291947058

■ 4291488256

■ 4292143690

■ 4292340321

■ 4292602489

■ 4292799120

■ 4292995751

■ 4293192383

■ 4293389014

■ 4293585646

Harmonies

Analogous

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



4294954768



4291750427



4284414570

Triad

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



4291750427



4278255359



4294937595

Complementary

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



4291750427



4281801706

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.



4294945791



4291750427



4278251263

Square

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



4291750427



4278255615



4289122815



4294937766

Rectangle

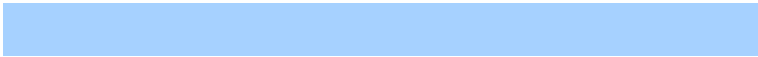
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291750427



4278255521



4289122815



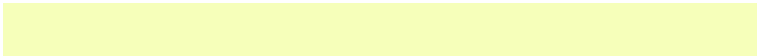
4294939647

Sweetspot

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



4291750427



4294377402



4293539611



4286218327



4278190080



4286611584

Same Dimension

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



4291750427



4292738816



4285000219



4285822314



4288525568



4281218560

Inverse Universe

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



4281801706



4280418559



4288551914



4285229685



4279763125



4278648886

Previews

White Background



This preview shows how the Android color 4291750427 looks on a white background.

Color Contrast Check

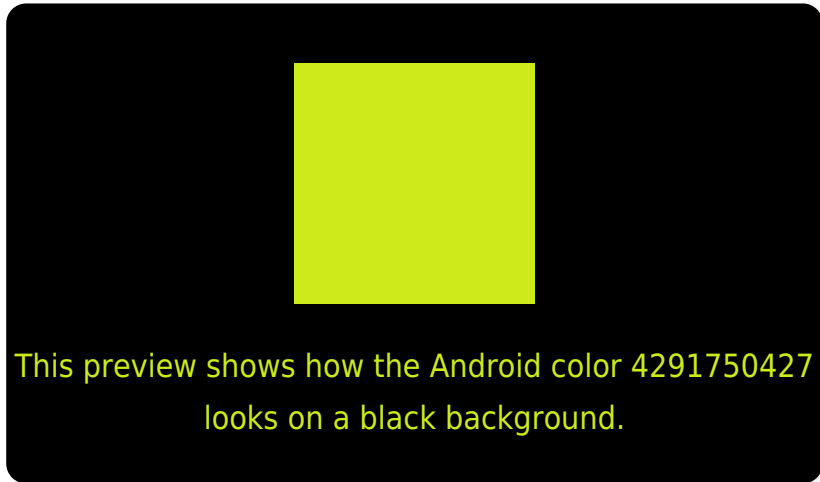
Large Text (above 18pt) WCAG AA × Fail

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 4291750427 Background



This preview shows how black text looks on a background with the Android color 4291750427.



This preview shows how white text looks on a background with the Android color 4291750427.

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
4291750427

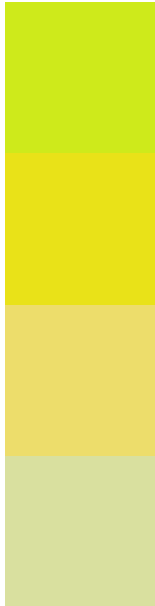
Protanopia
4294499606

Deuteranopia
4294956696



Tritanopia
4292926187

Trichromacy



Original Color
4291750427

Protanomaly
4293517848

Deuteranomaly
4293778795

Tritanomaly
4292468895

Monochromacy



Original Color
4291750427

Achromatopsia
4291480266

Achromatomaly
4291548810

CSS Examples

Text

The CSS property to change the color of the text to Android 4291750427 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, 234, 27)` looks like.

```
.text, #text, p{  
    color:rgb(206, 234, 27)  
}
```

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, 234, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 234, 27) }
```

Border

The CSS property to change the border of an element to Android 4291750427 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, 234, 27) }
```

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

```
.border{ border-color:rgb(206, 234, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 234, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 234, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 234, 27);  
box-shadow:4px 4px 4px 4px rgb(206, 234,  
27) }
```

Background

The CSS property to change the background color of an element to Android 4291750427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 234, 27) }
```

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

```
.background{ background-color: rgb(206,  
234, 27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor