

Converting Colors

Android(4291088727)

Have a look what the booklet for
Android(4291088727) contains.

Android(4291088727)	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(4291088727)

Conversions

Conversions Part 1

Format	Color
Hex	C4D157
RGB	196, 209, 87
RGB Percent	77%, 82%, 34%
CMY	0.2314, 0.1804, 0.6588
CMYK	0.06, 0.00, 0.58, 0.18
HSL	66°, 57%, 58%
HSV	66°, 58%, 82%
XYZ	47.2857, 58.0248, 17.7245
YIQ	191.2050, 31.4140, -40.6980

Conversions

Conversions Part 2

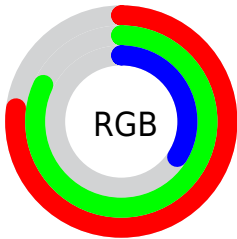
Format	Color
R_{YB}	87, 209, 100
Decimal	12898647
CIE _{Lab}	80.75, -20.85, 57.61
CIE _{LCh}	81, 61.268, 109.895
Yxy	58.0248, 0.3843, 0.4716
Android (android.graphics.Color)	4291088727 (0xFFC4D157)
YUV	191.2050, -51.3731, 4.2052
Hunter-Lab	76.1740, -22.4990, 39.5260

Details

The Android color **4291088727** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **4284766161**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4294967181**, and **4287404831** is the 20% darker color. If you saturate the color by 10%, you get **4290957634**, and if you desaturate by 10%, it is **4291219820**.

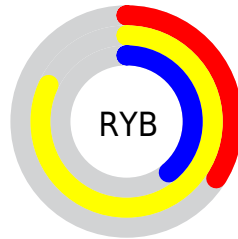
Distribution



Red (77%)

Green (82%)

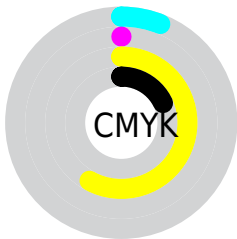
Blue (34%)



Red (34%)

Yellow (82%)

Blue (39%)

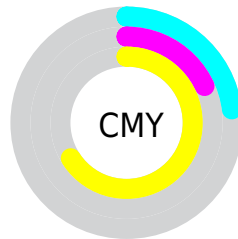


Cyan (6%)

Magenta (0%)

Yellow (58%)

Black (18%)



Cyan (23%)

Magenta (18%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291088727 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 4291088727 by changing the saturation by 10% instead.



4291088727



4291088727

4294967295



4289180988



4294967181



4287404831



4294967209



4285563136



4294967237



4283787264



4294967266



4282142720



4280367360



4278461184



4278191360



4278190080

■ 4291088727

■ 4291088727

■ 4290957634

■ 4291219820

■ 4290826541

■ 4291350913

■ 4290629912

■ 4291547542

■ 4290498819

■ 4291678635

■ 4290498816

■ 4291809728

■ 4291940820

■ 4292137449

■ 4292268542

■ 4292399615

Harmonies

Analogous

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



4294623060



4291088727



4286700924

Triad

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



4291088727



4278247679



4294941150

Complementary

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



4291088727



4284766161

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.



4294748927



4291088727



4278244607

Square

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



4291088727



4278248942



4289446399



4294941093

Rectangle

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



4291088727



4282049183



4289446399



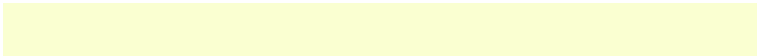
4294942193

Sweetspot

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



4291088727



4294639569



4291912535



4286414947



4278190080



4286611584

Same Dimension

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



4291088727



4293721933



4287156567



4284967262



4288063488



4280559872

Inverse Universe

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



4284766161



4284501503



4288698321



4284440169



4279369896



4278452265

Previews

White Background



This preview shows how the Android color 4291088727 looks on a white background.

Color Contrast Check

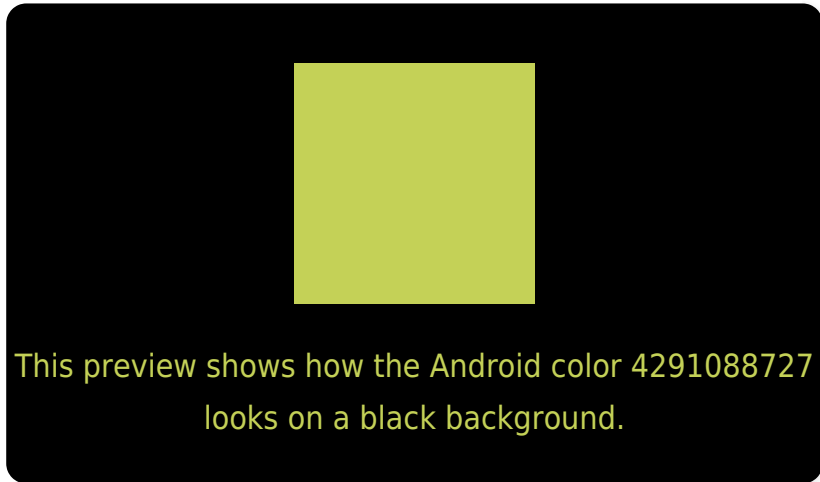
Large Text (above 18pt) WCAG AA × Fail

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 4291088727 Background



This preview shows how black text looks on a background with the Android color 4291088727.




This preview shows how white text looks on a background with the Android color 4291088727.

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
4291937492

Trichromacy



Original Color
4291088727

Protanomaly
4292201301

Deuteranomaly
4293182810

Tritanomaly
4291611047

Monochromacy



Original Color
4291088727

Achromatopsia
4290756543

Achromatomaly
4290889369

CSS Examples

Text

The CSS property to change the color of the text to Android 4291088727 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(196, 209, 87)` looks like.

```
.text, #text, p{  
    color:rgb(196, 209, 87)  
}
```

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(196, 209, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 209, 87) }
```

Border

The CSS property to change the border of an element to Android 4291088727 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(196, 209, 87) }
```

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

```
.border{ border-color:rgb(196, 209, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 209, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 209, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 209, 87);  
box-shadow:4px 4px 4px 4px rgb(196, 209,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4291088727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 209, 87) }
```

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

```
.background{ background-color: rgb(196,  
209, 87) }
```

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