

Converting Colors

Android(4290766958)

Have a look what the booklet for
Android(4290766958) contains.

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Color

Android(4290766958)

Conversions

Conversions Part 1

Format	Color
Hex	BFE86E
RGB	191, 232, 110
RGB Percent	75%, 91%, 43%
CMY	0.2510, 0.0902, 0.5686
CMYK	0.18, 0.00, 0.53, 0.09
HSL	80°, 73%, 67%
HSV	80°, 53%, 91%
XYZ	53.1569, 69.9154, 25.4452
YIQ	205.8330, 14.7260, -46.6340

Conversions

Conversions Part 2

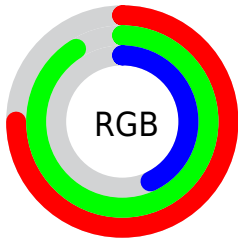
Format	Color
RYB	110, 232, 151
Decimal	12576878
CIELab	86.96, -31.82, 54.32
CIELCh	87, 62.954, 120.365
Yxy	69.9154, 0.3579, 0.4708
Android (android.graphics.Color)	4290766958 (0xFFBFE86E)
YUV	205.8330, -47.2457, -13.0085
Hunter-Lab	83.6154, -32.8489, 40.4881

Details

The Android color **4290766958** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **4288114408**, and the grayscale version is **4291743438**.

A 20% lighter version of the original color is **4294573988**, and **4287082553** is the 20% darker color. If you saturate the color by 10%, you get **4290242647**, and if you desaturate by 10%, it is **4291291269**.

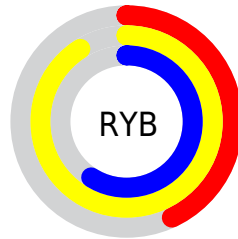
Distribution



Red (75%)

Green (91%)

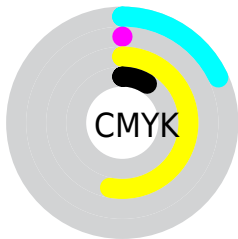
Blue (43%)



Red (43%)

Yellow (91%)

Blue (59%)

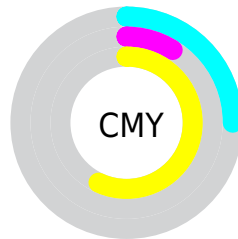


Cyan (18%)

Magenta (0%)

Yellow (53%)

Black (9%)



Cyan (25%)

Magenta (9%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290766958 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 4290766958 by changing the saturation by 10% instead.

 4290766958

 4290766958

4294967295

 4288924755

 4294573988

 4287082553

 4294967232

 4285306140

 4294967261

 4283529984

 4294967290

 4281754112

 4279978496

 4278203136

 4278198272

 4278190080


 4290766958

 4290766958

 4290242647

 4291291269

 4289718336

 4291815580

 4289259560

 4292274356

 4288735249

 4292798667

 4288342016

 4293322978

 4293847289

 4294371583

 4294830335

 4294961407

Harmonies

Analogous

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



4294760285



4290766958



4285592476

Triad

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



4290766958



4278251519



4294944731

Complementary

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



4290766958



4288114408

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.



4294947839



4290766958



4285128959

Square

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



4290766958



4278253567



4292791039



4294946209

Rectangle

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



4290766958



4278253508



4292791039



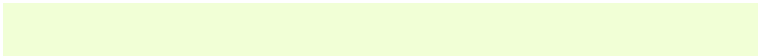
4294945264

Sweetspot

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



4290766958



4294049750



4293433198



4286021735



4278190080



4286611584

Same Dimension

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



4290766958



4291428190



4286769262



4285494119



4286034688



4280431360

Inverse Universe

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



4288114408



4287913727



4292112104



4285228915



4282122419



4279304243

Previews

White Background



This preview shows how the Android color 4290766958 looks on a white background.

Color Contrast Check

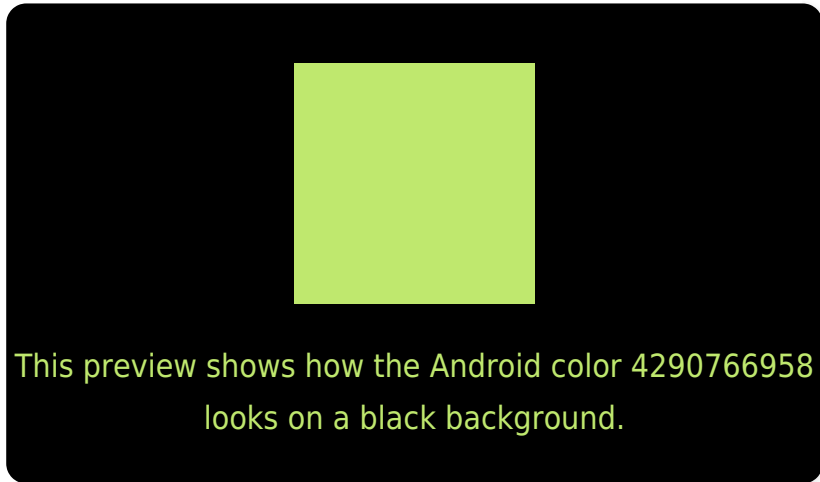
Large Text (above 18pt) WCAG AA × Fail

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 4290766958 Background



This preview shows how black text looks on a background with the Android color 4290766958.

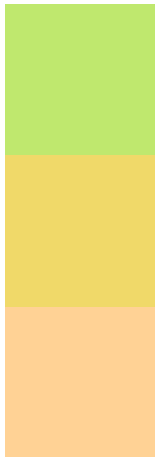


This preview shows how white text looks on a background with the Android color 4290766958.

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
4290766958

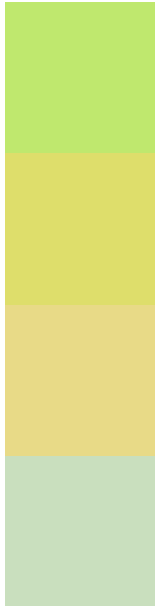
Protanopia
4293974377

Deuteranopia
4294955669



Tritanopia
4291812076

Trichromacy



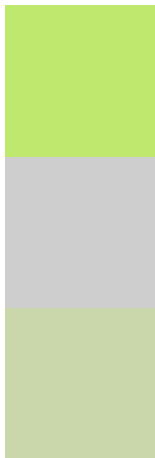
Original Color
4290766958

Protanomaly
4292796011

Deuteranomaly
4293450375

Tritanomaly
4291420094

Monochromacy



Original Color
4290766958

Achromatopsia
4291743438

Achromatomaly
4291418027

CSS Examples

Text

The CSS property to change the color of the text to Android 4290766958 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(191, 232, 110)` looks like.

```
.text, #text, p{  
    color:rgb(191, 232, 110)  
}
```

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(191, 232, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 232, 110) }
```

Border

The CSS property to change the border of an element to Android 4290766958 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(191, 232, 110) }
```

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

```
.border{ border-color:rgb(191, 232, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 232, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 232, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 232, 110);  
box-shadow:4px 4px 4px 4px rgb(191, 232,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4290766958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 232, 110) }
```

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

```
.background{ background-color: rgb(191,  
232, 110) }
```

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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