

Converting Colors

Android(4288015991)

Have a look what the booklet for
Android(4288015991) contains.

Android(4288015991)	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(4288015991)

Conversions

Conversions Part 1

Format	Color
Hex	95EE77
RGB	149, 238, 119
RGB Percent	58%, 93%, 47%
CMY	0.4157, 0.0667, 0.5333
CMYK	0.37, 0.00, 0.50, 0.07
HSL	105°, 78%, 70%
HSV	105°, 50%, 93%
XYZ	46.2987, 68.8705, 28.3059
YIQ	197.8230, -14.8450, -55.8770

Conversions

Conversions Part 2

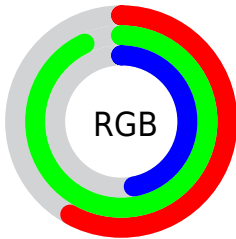
Format	Color
RYB	119, 238, 208
Decimal	9825911
CIELab	86.44, -48.14, 48.98
CIELCh	86, 68.674, 134.507
Yxy	68.8705, 0.3227, 0.4800
Android (android.graphics.Color)	4288015991 (0xFF95EE77)
YUV	197.8230, -38.8597, -42.8178
Hunter-Lab	82.9883, -45.6452, 37.8690

Details

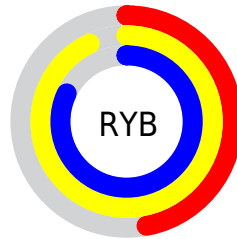
The Android color `4288015991` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4291852270`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4291821485`, and `4284265795` is the 20% darker color. If you saturate the color by 10%, you get `4286836319`, and if you desaturate by 10%, it is `4289195663`.

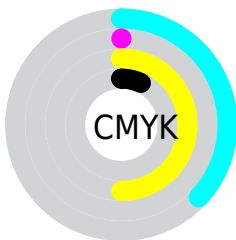
Distribution



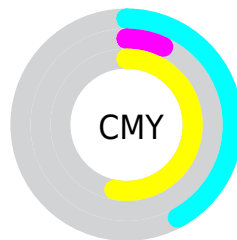
- Red (58%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (42%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288015991 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 4288015991 by changing the saturation by 10% instead.



4288015991



4288015991

4294967295



4286173533



4291821485



4284265795



4293722057



4282358312



4294967270



4280123398



4278216192



4278209792



4278203648



4278198016



4278190080

 4288015991

 4288015991

 4286836319

 4289195663

 4285656647

 4290375335

 4284542512

 4291489470

 4283362840

 4292669142

 4282183168

 4293848814

 4294962943

Harmonies

Analogous

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



4292796242



4288015991



4278253235

Triad

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



4288015991



4278249983



4294942651

Complementary

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



4288015991



4291852270

Split Complementary

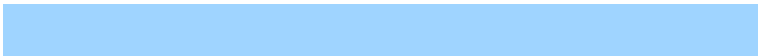
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294943997



4288015991



4288664831

Square

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



4288015991



4278253055



4294949631



4294946944

Rectangle

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



4288015991



4278254048



4294949631



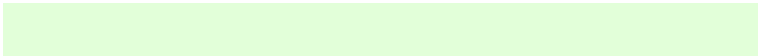
4294942417

Sweetspot

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



4288015991



4293066713



4293840503



4285431913



4278190080



4286611584

Same Dimension

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



4288015991



4287496038



4286049939



4285495404



4281251840



4279121920

Inverse Universe

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



4291852270



4292372223



4293818322



4285885560



4287168696



4280942648

Previews

White Background



This preview shows how the Android color 4288015991 looks on a white background.

Color Contrast Check

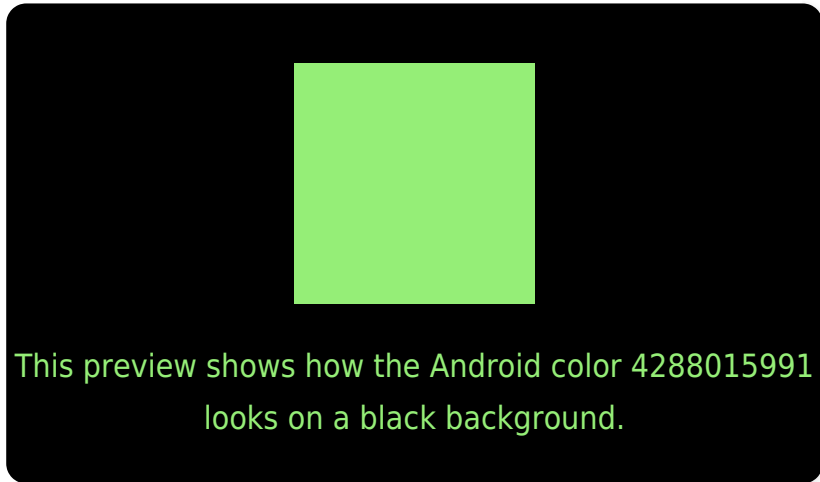
Large Text (above 18pt) WCAG AA × Fail

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 4288015991 Background



This preview shows how black text looks on a background with the Android color 4288015991.

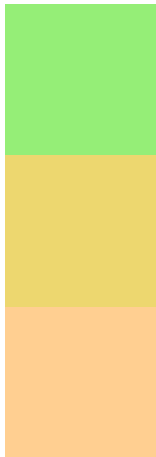


This preview shows how white text looks on a background with the Android color 4288015991.

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
4288015991

Protanopia
4293777263

Deuteranopia
4294954897



Tritanopia
4289388786

Trichromacy



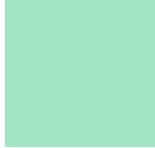
Original Color
4288015991



Protanomaly
4291682162



Deuteranomaly
4292401800

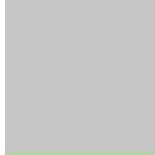


Tritanomaly
4288865733

Monochromacy



Original Color
4288015991



Achromatopsia
4291217094



Achromatomaly
4290041257

CSS Examples

Text

The CSS property to change the color of the text to Android 4288015991 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(149, 238, 119)` looks like.

```
.text, #text, p{  
    color:rgb(149, 238, 119)  
}
```

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(149, 238, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 238, 119) }
```

Border

The CSS property to change the border of an element to Android 4288015991 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(149, 238, 119) }
```

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

```
.border{ border-color:rgb(149, 238, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 238, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 238, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 238, 119);  
box-shadow:4px 4px 4px 4px rgb(149, 238,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4288015991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 238, 119) }
```

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

```
.background{ background-color: rgb(149,  
238, 119) }
```

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