

Converting Colors

Android(4288401455)

Have a look what the booklet for
Android(4288401455) contains.

| | |
|--|----|
| Android(4288401455) | 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(4288401455)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9BD02F |
| RGB | 155, 208, 47 |
| RGB Percent | 61%, 82%, 18% |
| CMY | 0.3922, 0.1843, 0.8157 |
| CMYK | 0.25, 0.00, 0.77, 0.18 |
| HSL | 80°, 63%, 50% |
| HSV | 80°, 77%, 82% |
| XYZ | 36.5865, 52.2855, 10.8531 |
| YIQ | 173.7990, 20.0930, -61.3070 |

Conversions

Conversions Part 2

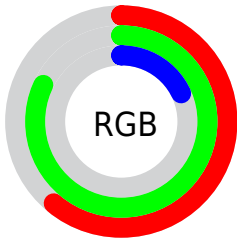
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 47, 208, 100 |
| Decimal | 10211375 |
| CIE _{Lab} | 77.45, -39.09, 68.39 |
| CIE _{LCh} | 77, 78.774, 119.751 |
| Yxy | 52.2855, 0.3669, 0.5243 |
| Android (android.graphics.Color) | 4288401455 (0xFF9BD02F) |
| YUV | 173.7990, -62.5119, -16.4867 |
| Hunter-Lab | 72.3087, -36.2235, 41.7170 |

Details

The Android color `4288401455` is a dark color, and the websafe version is hex `99CC33`. The color can be described as middle washed chartreuse. A complement of this color would be `4284755920`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4292214634`, and `4284651776` is the 20% darker color. If you saturate the color by 10%, you get `4287942682`, and if you desaturate by 10%, it is `4288860228`.

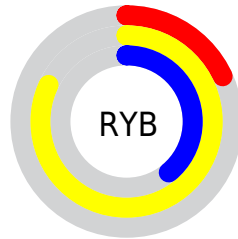
Distribution



Red (61%)

Green (82%)

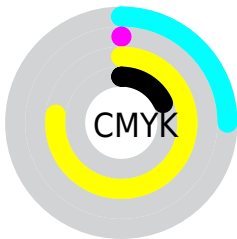
Blue (18%)



Red (18%)

Yellow (82%)

Blue (39%)

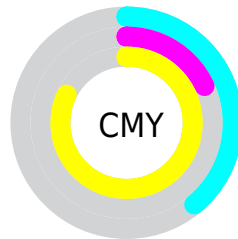


Cyan (25%)

Magenta (0%)

Yellow (77%)

Black (18%)



Cyan (39%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288401455 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 4288401455 by changing the saturation by 10% instead.



4288401455



4288401455

4294967295



4286559232



4292214634



4284651776



4294180742



4282810112



4294967202



4280903168



4294967231



4278209792



4294967260



4278203904



4294967290



4278198528



4278190080



4288401455



4288401455

■ 4287942682

■ 4288860228

■ 4287483909

■ 4289319001

■ 4287418368

■ 4289777773

■ 4290171010

■ 4290629783

■ 4291088556

■ 4291547329

■ 4292006101

■ 4292464874

Harmonies

Analogous

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



4293180421



4288401455



4278246514

Triad

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



4288401455



4278245887



4294932163

Complementary

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



4288401455



4284755920

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.



4294937599



4288401455



4278241535

Square

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



4288401455



4278247935



4290555135



4294934907

Rectangle

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



4288401455



4278247587



4290555135



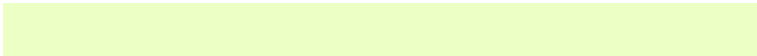
4294933212

Sweetspot

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



4288401455



4293722052



4291846703



4285825116



4278190080



4286611584

Same Dimension

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



4288401455



4289855250



4283289647



4284836190



4285638656



4279970048

Inverse Universe

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



4284755920



4284486399



4289867728



4284636777



4281794728



4279042089

Previews

White Background



This preview shows how the Android color 4288401455 looks on a white background.

Color Contrast Check

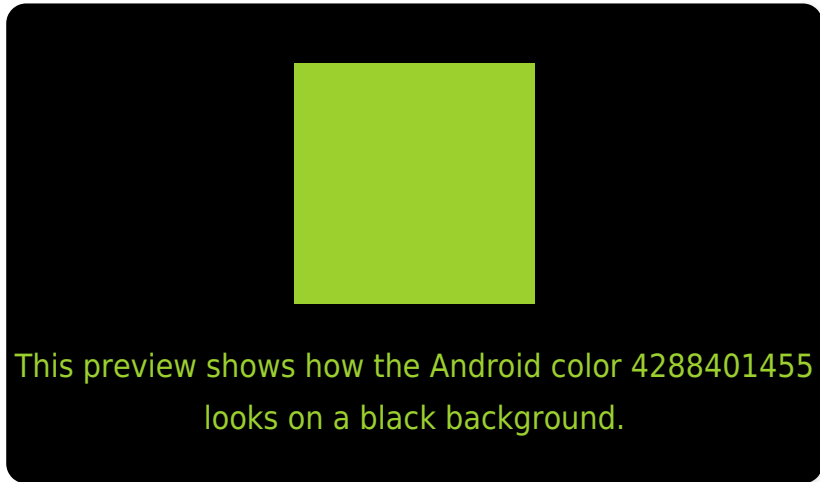
Large Text (above 18pt) WCAG AA × Fail

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 4288401455 Background



This preview shows how black text looks on a background with the Android color 4288401455.



This preview shows how white text looks on a background with the Android color 4288401455.

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
4288401455

Protanopia
4292263723

Deuteranopia
4293899579



Tritanopia
4289577681

Trichromacy



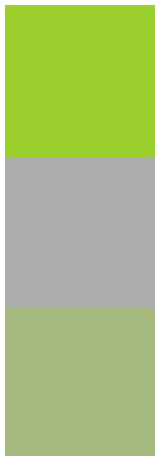
Original Color
4288401455

Protanomaly
4290889004

Deuteranomaly
4291870519

Tritanomaly
4289120150

Monochromacy



Original Color
4288401455

Achromatopsia
4289638062

Achromatomaly
4289182336

CSS Examples

Text

The CSS property to change the color of the text to Android 4288401455 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(155, 208, 47)` looks like.

```
.text, #text, p{  
    color:rgb(155, 208, 47)  
}
```

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(155, 208, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 208, 47) }
```

Border

The CSS property to change the border of an element to Android 4288401455 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(155, 208, 47) }
```

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

```
.border{ border-color:rgb(155, 208, 47) }
```

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

Here you see how a box with a 4 pixel rgb(155, 208, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 208, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 208, 47);  
box-shadow:4px 4px 4px 4px rgb(155, 208,  
47) }
```

Background

The CSS property to change the background color of an element to Android 4288401455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 208, 47) }
```

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

```
.background{ background-color: rgb(155,  
208, 47) }
```

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