

Converting Colors

Android(4288802050)

Have a look what the booklet for
Android(4288802050) contains.

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Color

Android(4288802050)

Conversions

Conversions Part 1

Format	Color
Hex	A1ED02
RGB	161, 237, 2
RGB Percent	63%, 93%, 1%
CMY	0.3686, 0.0706, 0.9922
CMYK	0.32, 0.00, 0.99, 0.07
HSL	79°, 98%, 47%
HSV	79°, 99%, 93%
XYZ	44.9931, 68.1498, 10.8403
YIQ	187.4860, 30.1390, -89.1970

Conversions

Conversions Part 2

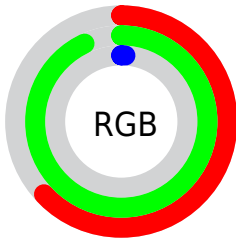
Format	Color
R _Y B	2, 237, 78
Decimal	10611970
CIE Lab	86.08, -50.33, 83.31
CIE LCh	86, 97.329, 121.137
Yxy	68.1498, 0.3629, 0.5497
Android (android.graphics.Color)	4288802050 (0xFFA1ED02)
YUV	187.4860, -91.4446, -23.2282
Hunter-Lab	82.5529, -47.1813, 50.0015

Details

The Android color **4288802050** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4283302637**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4292738907**, and **4284855552** is the 20% darker color. If you saturate the color by 10%, you get **4288736512**, and if you desaturate by 10%, it is **4289326362**.

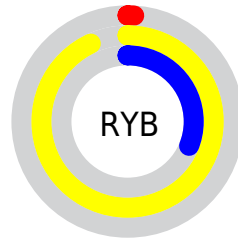
Distribution



Red (63%)

Green (93%)

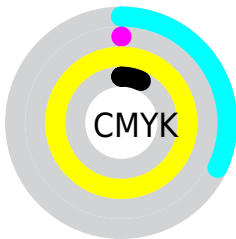
Blue (1%)



Red (1%)

Yellow (93%)

Blue (31%)

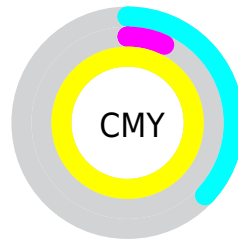


Cyan (32%)

Magenta (0%)

Yellow (99%)

Black (7%)



Cyan (37%)


















Magenta (7%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288802050 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 4288802050 by changing the saturation by 10% instead.

 4288802050	 4288802050
4294967295	 4286828544
 4292738907	 4284855552
 4294770553	 4282816768
 4294967191	 4280516352
 4294967220	 4278215936
 4294967250	 4278209536
 4294967280	 4278203648
	 4278197504
	 4278190080

■ 4288802050

■ 4288802050

■ 4288736512

■ 4289326362

■ 4289785137

■ 4290309449

■ 4290833761

■ 4291292536

■ 4291816848

■ 4292341160

■ 4292799936

■ 4293324247

Harmonies

Analogous

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



4294890496



4288802050



4278254456

Triad

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



4288802050



4278253567



4294930904

Complementary

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



4288802050



4283302637

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.



4294938623



4288802050



4278248191

Square

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



4288802050



4278255615



4292263423



4294935934

Rectangle

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



4288802050



4278255544



4292263423



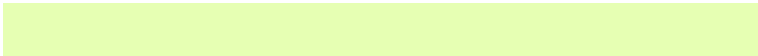
4294932215

Sweetspot

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



4288802050



4293328819



4293741570



4285628498



4278190080



4286611584

Same Dimension

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



4288802050



4289593088



4281199874



4285691242



4286231808



4280563200

Inverse Universe

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



4283302637



4283564287



4290904813



4285360757



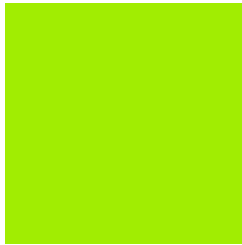
4282056885



4279304246

Previews

White Background



This preview shows how the Android color 4288802050 looks on a white background.

Color Contrast Check

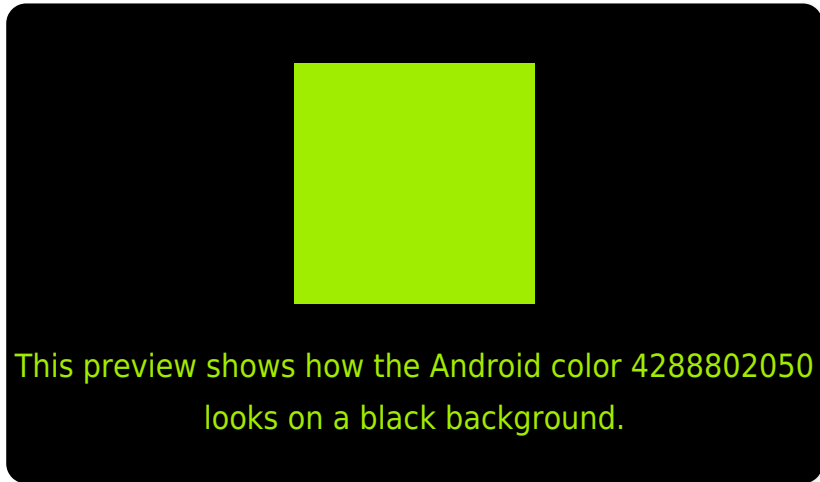
Large Text (above 18pt) WCAG AA × Fail

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 4288802050 Background



This preview shows how black text looks on a background with the Android color 4288802050.



This preview shows how white text looks on a background with the Android color 4288802050.

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
4288802050

Protanopia
4294104832

Deuteranopia
4294954879

Trichromacy



Original Color
4288802050



Protanomaly
4292206337



Deuteranomaly
4292729426

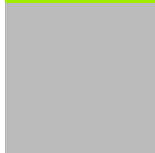


Tritanomaly
4289782424

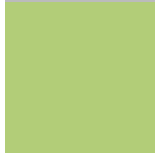
Monochromacy



Original Color
4288802050



Achromatopsia
4290493371



Achromatomaly
4289908088

CSS Examples

Text

The CSS property to change the color of the text to Android 4288802050 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(161, 237, 2)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 2)  
}
```

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(161, 237, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 2) }
```

Border

The CSS property to change the border of an element to Android 4288802050 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(161, 237, 2) }
```

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

```
.border{ border-color:rgb(161, 237, 2) }
```

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

Here you see how a box with a 4 pixel rgb(161, 237, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 237, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 237, 2);  
box-shadow:4px 4px 4px 4px rgb(161, 237,  
2) }
```

Background

The CSS property to change the background color of an element to Android 4288802050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 2) }
```

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

```
.background{ background-color: rgb(161,  
237, 2) }
```

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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