

# Converting Colors

Android(4289062932)

Have a look what the booklet for  
Android(4289062932) contains.

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# **Color**

**Android(4289062932)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5E814
RGB	165, 232, 20
RGB Percent	65%, 91%, 8%
CMY	0.3529, 0.0902, 0.9216
CMYK	0.29, 0.00, 0.91, 0.09
HSL	79°, 84%, 49%
HSV	79°, 91%, 91%
XYZ	44.4999, 65.7631, 11.0100
YIQ	187.7990, 28.1200, -80.1360

# Conversions

## Conversions Part 2

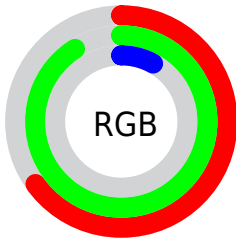
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">20, 232, 87</a>
Decimal	<a href="#">10872852</a>
CIELab	<a href="#">84.88, -46.56, 80.75</a>
CIELCh	<a href="#">85, 93.208, 119.968</a>
Yxy	<a href="#">65.7631, 0.3669, 0.5423</a>
Android (android.graphics.Color)	<a href="#">4289062932 (0xFFA5E814)</a>
YUV	<a href="#">187.7990, -82.7249, -19.9947</a>
Hunter-Lab	<a href="#">81.0944, -43.9648, 48.7165</a>

# Details

The Android color `4289062932` is a dark color, and the websafe version is hex `CCFF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4283897064`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4293001055`, and `4285181952` is the 20% darker color. If you saturate the color by 10%, you get `4288669696`, and if you desaturate by 10%, it is `4289521707`.

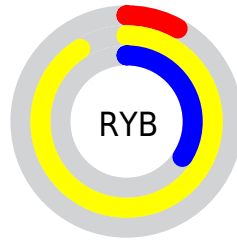
# Distribution



Red (65%)

Green (91%)

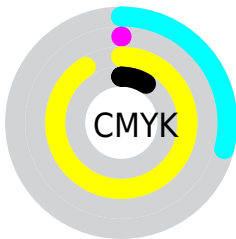
Blue (8%)



Red (8%)

Yellow (91%)

Blue (34%)

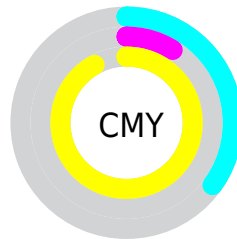


Cyan (29%)

Magenta (0%)

Yellow (91%)

Black (9%)



Cyan (35%)

Magenta (9%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289062932 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 4289062932 by changing the saturation by 10% instead.





4289062932



4289062932

4294967295



4287155200



4293001055



4285181952



4294967165



4283208960



4294967194



4281105152



4294967223



4278214912



4294967253



4278208768



4294967283



4278202624



4278196736



4278190080

■ 4289062932

■ 4289062932

■ 4288669696

■ 4289521707

■ 4290046018

■ 4290504794

■ 4290963569

■ 4291487880

■ 4291946655

■ 4292405430

■ 4292929742

■ 4293388517

# Harmonies

## Analogous

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



4294823936



4289062932



4278253174

# Triad

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



4289062932



4278252543



4294931928

# Complementary

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



4289062932



4283897064

# Split Complementary

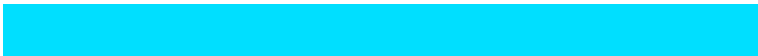
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294939135



4289062932



4278247423

# Square

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



4289062932



4278254591



4291738879



4294935937

# Rectangle

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



4289062932



4278254258



4291738879



4294933493

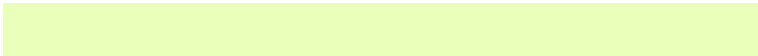


# Sweetspot

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



4289062932



4293525434



4293415956



4285759575



4278190080



4286611584



# Same Dimension

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



4289062932



4289658624



4282312724



4285494119



4286231296



4280496896



# Inverse Universe

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



4283897064



4283498751



4290647272



4285228915



4281860275

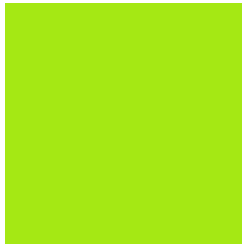


4279238707



# Previews

## White Background



This preview shows how the Android color 4289062932 looks on a white background.

## Color Contrast Check

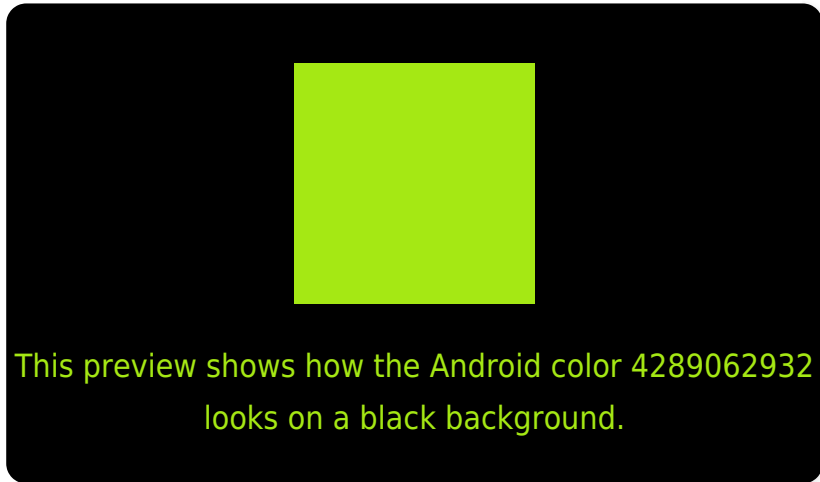
Large Text (above 18pt) WCAG AA × Fail

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 4289062932 Background



This preview shows how black text looks on a background with the Android color 4289062932.



This preview shows how white text looks on a background with the Android color 4289062932.

# 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



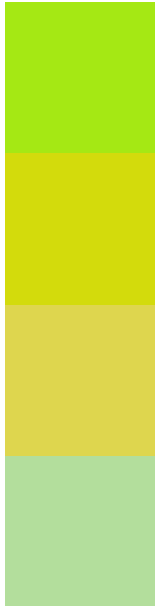
**Original Color**  
4289062932

**Protanopia**  
4293841927

**Deuteranopia**  
4294953839



# Trichromacy



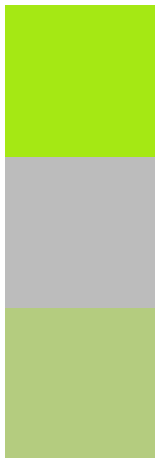
**Original Color**  
4289062932

**Protanomaly**  
4292074252

**Deuteranomaly**  
4292793934

**Tritanomaly**  
4289978012

# Monochromacy



**Original Color**  
4289062932

**Achromatopsia**  
4290559164

**Achromatomaly**  
4290038911

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289062932 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(165, 232, 20)` looks like.

```
.text, #text, p{  
    color:rgb(165, 232, 20)  
}
```

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(165, 232, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 232, 20) }
```

## Border

The CSS property to change the border of an element to Android 4289062932 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(165, 232, 20) }
```

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

```
.border{ border-color:rgb(165, 232, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 232, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 232, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 232, 20);  
box-shadow:4px 4px 4px 4px rgb(165, 232,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4289062932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 232, 20) }
```

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

```
.background{ background-color: rgb(165,  
232, 20) }
```

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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