

# Converting Colors

Android(4288590644)

Have a look what the booklet for  
Android(4288590644) contains.

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# **Color**

**Android(4288590644)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9EB334                      |
| RGB         | 158, 179, 52                |
| RGB Percent | 62%, 70%, 20%               |
| CMY         | 0.3804, 0.2980, 0.7961      |
| CMYK        | 0.12, 0.00, 0.71, 0.30      |
| HSL         | 70°, 55%, 45%               |
| HSV         | 70°, 71%, 70%               |
| XYZ         | 30.8405, 39.7572, 9.2973    |
| YIQ         | 158.2430, 28.2510, -43.9490 |

# Conversions

## Conversions Part 2

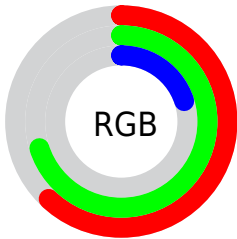
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 52, 179, 73                    |
| Decimal                             | 10400564                       |
| CIELab                              | 69.30, -24.07, 58.99           |
| CIELCh                              | 69, 63.716, 112.200            |
| Yxy                                 | 39.7572, 0.3860,<br>0.4976     |
| Android<br>(android.graphics.Color) | 4288590644<br>(0xFF9EB334)     |
| YUV                                 | 158.2430, -52.3778,<br>-0.2131 |
| Hunter-Lab                          | 63.0533, -23.0359,<br>35.3950  |

# Details

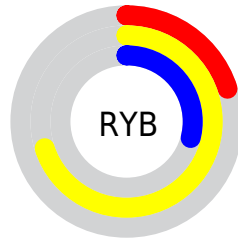
The Android color `4288590644` is a dark color, and the websafe version is hex `999900`. A complement of this color would be `4282987699`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4292340587`, and `4284972544` is the 20% darker color. If you saturate the color by 10%, you get `4288394018`, and if you desaturate by 10%, it is `4288787270`.

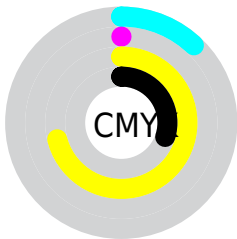
# Distribution



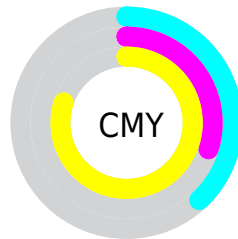
- Red (62%)
- Green (70%)
- Blue (20%)



- Red (20%)
- Yellow (70%)
- Blue (29%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288590644 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 4288590644 by changing the saturation by 10% instead.





4288590644



4288590644

4294967295



4286748692



4292340587



4284972544



4294311814



4283196672



4294967201



4281486592



4294967229



4279711232



4294967258



4278198784



4294967287



4278190080



4288590644



4288590644



4288394018



4288787270

■ 4288197392

■ 4288983896

■ 4288000768

■ 4289180522

■ 4289377148

■ 4289573774

■ 4289770399

■ 4289967025

■ 4290163651

■ 4290360277

# Harmonies

## Analogous

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



4292124973



4288590644



4283809375

# Triad

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



4288590644



4278239487



4294931899

# Complementary

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



4288590644



4282987699

# 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.



4292970481



4288590644



4278236415

# Square

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



4288590644



4278240723



4287602943



4294932353

# Rectangle

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



4288590644



4278240132



4287602943



4294933198



# Sweetspot

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



4288590644



4292929719



4289939252



4285560152



4294309365



4285887861



# Same Dimension

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



4288590644



4291291171



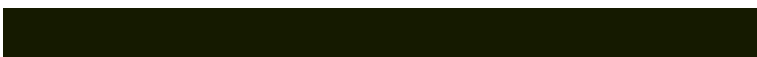
4284527412



4283980112



4286617856



4279572992



# Inverse Universe

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



4282987699



4282590184



4287050931



4283584601



4279828633



4278452250



# Previews

## White Background



This preview shows how the Android color 4288590644 looks on a white background.

## Color Contrast Check

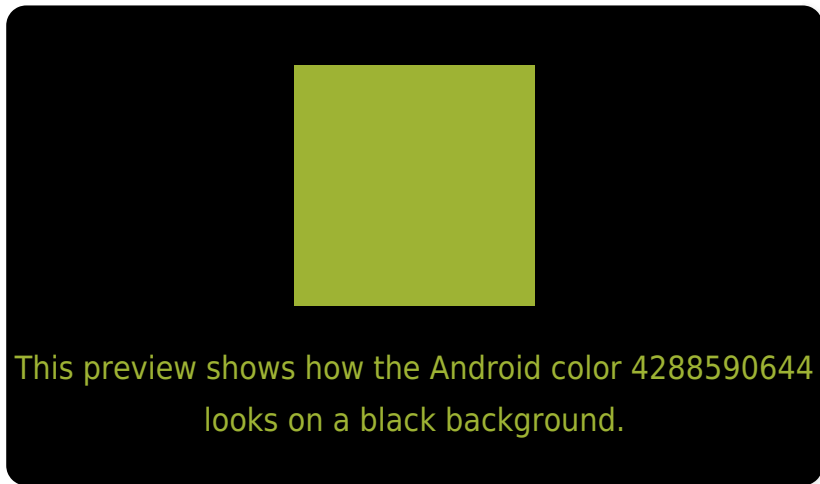
Large Text (above 18pt) WCAG AA × Fail

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 4288590644 Background



This preview shows how black text looks on a background with the Android color 4288590644.



This preview shows how white text looks on a background with the Android color 4288590644.

# 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**  
4288590644

**Protanopia**  
4290619697

**Deuteranopia**  
4292059195



**Tritanopia**  
4289439668

# Trichromacy



**Original Color**  
4288590644

**Protanomaly**  
4289899826

**Deuteranomaly**  
4290815800

**Tritanomaly**  
4289112965

# Monochromacy



**Original Color**  
4288590644

**Achromatopsia**  
4288585374

**Achromatomaly**  
4288587383

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288590644 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(158, 179, 52)` looks like.

```
.text, #text, p{  
    color:rgb(158, 179, 52)  
}
```

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(158, 179, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 179, 52) }
```

## Border

The CSS property to change the border of an element to Android 4288590644 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(158, 179, 52) }
```

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

```
.border{ border-color:rgb(158, 179, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 179, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 179, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 179, 52);  
box-shadow:4px 4px 4px 4px rgb(158, 179,  
52) }
```

# Background

The CSS property to change the background color of an element to Android 4288590644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 179, 52) }
```

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

```
.background{ background-color: rgb(158,  
179, 52) }
```

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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