

# Converting Colors

Android(4283032388)

Have a look what the booklet for  
Android(4283032388) contains.

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# **Color**

**Android(4283032388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49E344
RGB	73, 227, 68
RGB Percent	29%, 89%, 27%
CMY	0.7137, 0.1098, 0.7333
CMYK	0.68, 0.00, 0.70, 0.11
HSL	118°, 74%, 58%
HSV	118°, 70%, 89%
XYZ	31.2601, 56.7720, 14.7794
YIQ	162.8280, -40.7450, -82.0970

# Conversions

## Conversions Part 2

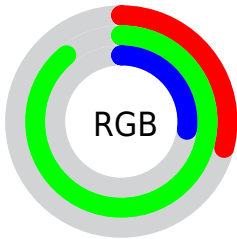
Format	Color
<a href="#">RYB</a>	<a href="#">68, 227, 222</a>
Decimal	<a href="#">4842308</a>
CIELab	<a href="#">80.05, -68.88, 62.82</a>
CIELCh	<a href="#">80, 93.225, 137.634</a>
Yxy	<a href="#">56.7720, 0.3041, 0.5522</a>
Android (android.graphics.Color)	<a href="#">4283032388 (0xFF49E344)</a>
YUV	<a href="#">162.8280, -46.7502, -78.7792</a>
Hunter-Lab	<a href="#">75.3472, -57.8013, 41.1133</a>

# Details

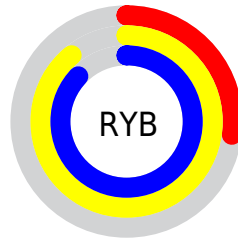
The Android color `4283032388` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4292756707`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4287430524`, and `4278233600` is the 20% darker color. If you saturate the color by 10%, you get `4281590573`, and if you desaturate by 10%, it is `4284474203`.

# Distribution



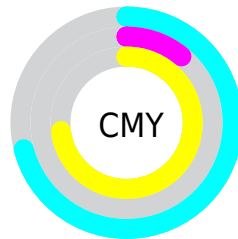
- Red (29%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (87%)



- Cyan (68%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (71%)
- Magenta (11%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283032388 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 4283032388 by changing the saturation by 10% instead.



 4283032388

 4283032388

4294967295

 4279813669

 4287430524

 4278233600

 4289462168

 4278226688

 4291493812

 4278219776

 4293525457

 4278213120

 4294967278


 4278206720

 4278200320

 4278190080

 4283032388

 4283032388

 4281590573

 4284474203

 4280148759


 4285916017

 4278706944

 4287357832

 4288799647

 4290241461

 4291683276

 4293125091

 4294566906

 4294960127

# Harmonies

## Analogous

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



4290630144



4283032388



4278250398

# Triad

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



4283032388



4278246399



4294929047

# Complementary

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



4283032388



4292756707

# 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.



4294929902



4283032388



4285120511

# Square

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



4283032388



4278249983



4294940159



4294938181

# Rectangle

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



4283032388



4278251227



4294940159



4294927540

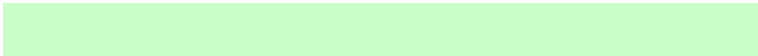


# Sweetspot

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



4283032388



4291559369



4293123652



4284579936



4278190080



4286611584



# Same Dimension

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



4283032388



4281401129



4282704782



4285035367



4278629120



4278334208



# Inverse Universe

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



4292756707



4294453759



4293084313



4285687667



4289527987

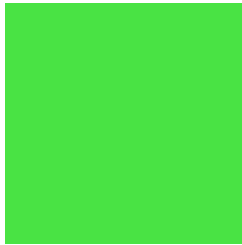


4281401395



# Previews

## White Background



This preview shows how the Android color 4283032388 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



This preview shows how the Android color 4283032388 looks on a 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 4283032388 Background



This preview shows how black text looks on a background with the Android color 4283032388.

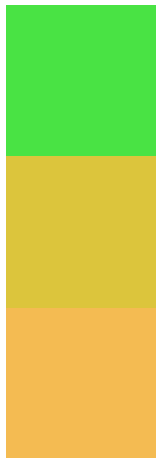


This preview shows how white text looks on a background with the Android color 4283032388.

# 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**  
4283032388

**Protanopia**  
4292658492

**Deuteranopia**  
4294228818



**Tritanopia**  
4285781221

# Trichromacy



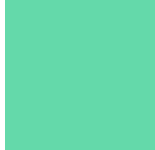
**Original Color**  
4283032388



**Protanomaly**  
4289187903



**Deuteranomaly**  
4290169421



**Tritanomaly**  
4284799402

# Monochromacy



**Original Color**  
4283032388



**Achromatopsia**  
4288914339



**Achromatomaly**  
4286757504

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283032388 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(73, 227, 68)` looks like.

```
.text, #text, p{  
    color:rgb(73, 227, 68)  
}
```

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(73, 227, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 227, 68) }
```

## Border

The CSS property to change the border of an element to Android 4283032388 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(73, 227, 68) }
```

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

```
.border{ border-color:rgb(73, 227, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 227, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 227, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 227, 68);  
box-shadow:4px 4px 4px 4px rgb(73, 227,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4283032388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 227, 68) }
```

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

```
.background{ background-color: rgb(73, 227,  
68) }
```

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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