

# Converting Colors

Android(4283032952)

Have a look what the booklet for  
Android(4283032952) contains.

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# **Color**

**Android(4283032952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49E578
RGB	73, 229, 120
RGB Percent	29%, 90%, 47%
CMY	0.7137, 0.1020, 0.5294
CMYK	0.68, 0.00, 0.48, 0.10
HSL	138°, 75%, 59%
HSV	138°, 68%, 90%
XYZ	34.1571, 58.8112, 27.3207
YIQ	169.9300, -57.9870, -66.9710

# Conversions

## Conversions Part 2

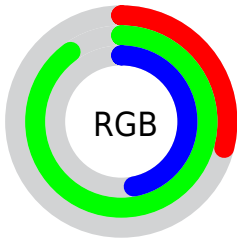
Format	Color
<a href="#">RYB</a>	<a href="#">73, 193, 229</a>
Decimal	<a href="#">4842872</a>
CIELab	<a href="#">81.19, -63.43, 41.42</a>
CIELCh	<a href="#">81, 75.756, 146.856</a>
Yxy	<a href="#">58.8112, 0.2840, 0.4889</a>
Android (android.graphics.Color)	<a href="#">4283032952 (0xFF49E578)</a>
YUV	<a href="#">169.9300, -24.6155, -85.0076</a>
Hunter-Lab	<a href="#">76.6884, -54.7006, 32.5595</a>

# Details

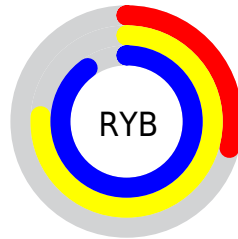
The Android color `4283032952` is a dark color, and the websafe version is hex `33CC66`. The color can be described as middle muted spring green. A complement of this color would be `4293216694`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4287365038`, and `4278234181` is the 20% darker color. If you saturate the color by 10%, you get `4281525608`, and if you desaturate by 10%, it is `4284540296`.

# Distribution



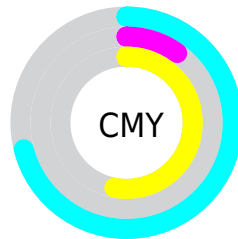
- Red (29%)
- Green (90%)
- Blue (47%)



- Red (29%)
- Yellow (76%)
- Blue (90%)



- Cyan (68%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (71%)
- Magenta (10%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283032952 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 4283032952 by changing the saturation by 10% instead.



 4283032952

 4283032952

4294967295

 4280010846

 4287365038

 4278234181

 4289396682

 4278227243

 4291362790

 4278220304

 4293394431

 4278213632

 4278206976


 4278201088

 4278192128

 4278190080

 4283032952

 4283032952

 4281525608

 4284540296

 4280018264

 4286047640

 4278510920

 4287554984

 4278248773

 4289062328

 4290504136

 4292011480

 4293518824

 4294960632

 4294960639

# Harmonies

## Analogous

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



4289714238



4283032952



4278250432

# Triad

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



4283032952



4278244607



4294937998

# Complementary

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



4283032952



4293216694

# 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.



4294936532



4283032952



4290624255

# Square

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



4283032952



4278248703



4294941695



4294944850

# Rectangle

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



4283032952



4278250737



4294941695



4294936741

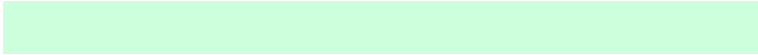


# Sweetspot

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



4283032952



4291624923



4290176329



4284579946



4278190080



4286611584



# Same Dimension

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



4283032952



4281270125



4283033030



4284969835



4278235958



4278203151



# Inverse Universe

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



4293216694



4294913728



4293216616



4285753199



4289921149

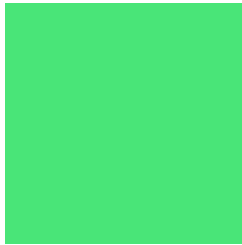


4281532452



# Previews

## White Background



This preview shows how the Android color 4283032952 looks on a white background.

## Color Contrast Check

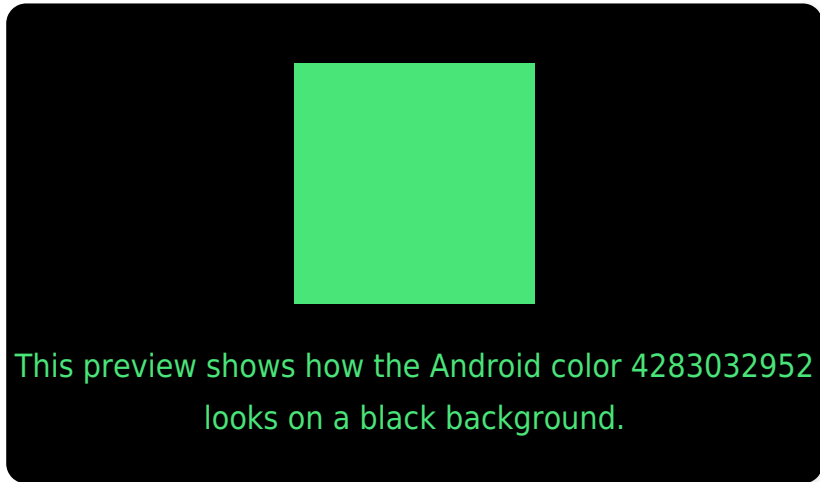
Large Text (above 18pt) WCAG AA × Fail

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

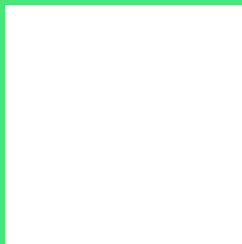
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283032952 Background



This preview shows how black text looks on a background with the Android color 4283032952.



This preview shows how white text looks on a background with the Android color 4283032952.

# 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





# Trichromacy



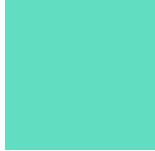
**Original Color**  
4283032952



**Protanomaly**  
4289188722



**Deuteranomaly**  
4289973630



**Tritanomaly**  
4284603841

# Monochromacy



**Original Color**  
4283032952



**Achromatopsia**  
4289374890



**Achromatomaly**  
4287086488

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283032952 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, 229, 120)` looks like.

```
.text, #text, p{  
    color:rgb(73, 229, 120)  
}
```

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, 229, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 229, 120) }
```

## Border

The CSS property to change the border of an element to Android 4283032952 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, 229, 120) }
```

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

```
.border{ border-color:rgb(73, 229, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 229, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 229, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 229, 120);  
box-shadow:4px 4px 4px 4px rgb(73, 229,  
120) }
```

# Background

The CSS property to change the background color of an element to Android 4283032952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 229, 120) }
```

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

```
.background{ background-color: rgb(73, 229,  
120) }
```

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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