

# Converting Colors

Android(4283556425)

Have a look what the booklet for  
Android(4283556425) contains.

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# **Color**

**Android(4283556425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51E249
RGB	81, 226, 73
RGB Percent	32%, 89%, 29%
CMY	0.6824, 0.1137, 0.7137
CMYK	0.64, 0.00, 0.68, 0.11
HSL	117°, 73%, 59%
HSV	117°, 68%, 89%
XYZ	31.7923, 56.6231, 15.5571
YIQ	165.2030, -37.3070, -78.3230

# Conversions

## Conversions Part 2

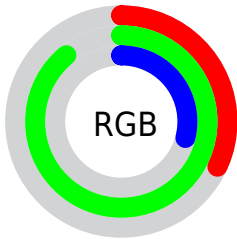
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 226, 218
Decimal	5366345
CIELab	79.97, -66.57, 60.90
CIELCh	80, 90.227, 137.545
Yxy	56.6231, 0.3058, 0.5446
Android (android.graphics.Color)	4283556425 (0xFF51E249)
YUV	165.2030, -45.4561, -73.8460
Hunter-Lab	75.2483, -56.2686, 40.4160

# Details

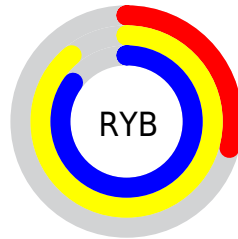
The Android color `4283556425` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4292495842`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4287823744`, and `4278233344` is the 20% darker color. If you saturate the color by 10%, you get `4282180146`, and if you desaturate by 10%, it is `4284932704`.

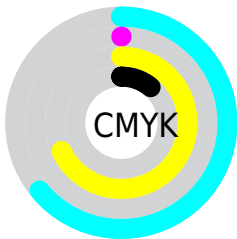
# Distribution



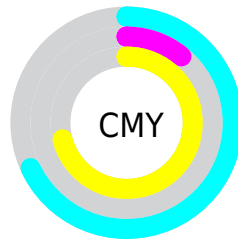
- Red (32%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (85%)



- Cyan (64%)
- Magenta (0%)
- Yellow (68%)
- Black (11%)



- Cyan (68%)
- Magenta (11%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283556425 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 4283556425 by changing the saturation by 10% instead.





4283556425



4283556425

4294967295



4280861995



4287823744



4278233344



4289789852



4278226432



4291821497



4278219520



4293853141



4278212864



4294967283



4278206464



4278200320



4278190080



4283556425



4283556425

 4282180146

 4284932704

 4280738332

 4286374518

 4279362053

 4287750797

 4279034368

 4289192611

 4290568890

 4292010705

 4293386983

 4294763262

 4294959871

# Harmonies

## Analogous

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



4290695424



4283556425



4278250143

# Triad

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



4283556425



4278246143



4294930329

# Complementary

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



4283556425



4292495842

# 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.



4294931181



4283556425



4285579263

# Square

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



4283556425



4278249727



4294940927



4294938698

# Rectangle

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



4283556425



4278250714



4294940927



4294929077

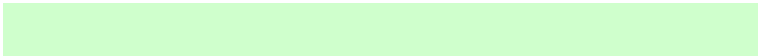


# Sweetspot

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



4283556425



4291821516



4293056585



4284711009



4278190080



4286611584



# Same Dimension

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



4283556425



4282122032



4283032203



4284903525



4278824960



4278398976



# Inverse Universe

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



4292495842



4294193407



4293020064



4285556080



4289134768



4281204784



# Previews

## White Background



This preview shows how the Android color 4283556425 looks on a white background.

## Color Contrast Check

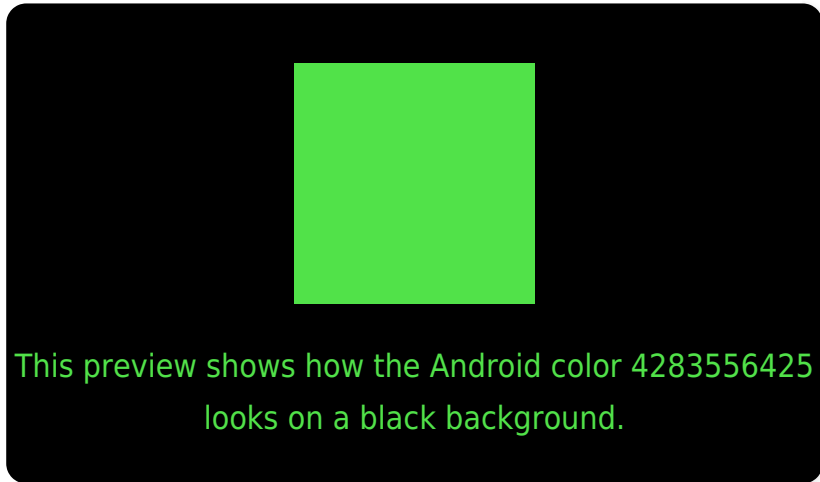
Large Text (above 18pt) WCAG AA × Fail

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

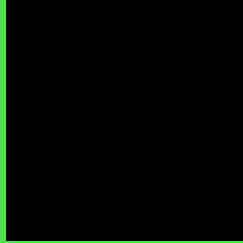
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

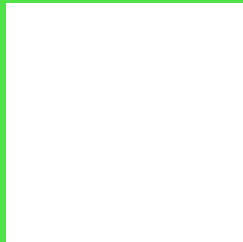
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283556425 Background



This preview shows how black text looks on a background with the Android color 4283556425.



This preview shows how white text looks on a background with the Android color 4283556425.

# 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**

4283556425



**Protanomaly**

4289318980



**Deuteranomaly**

4290365777



**Tritanomaly**

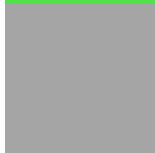
4285126828

# Monochromacy



**Original Color**

4283556425



**Achromatopsia**

4289045925



**Achromatomaly**

4287019908

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283556425 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(81, 226, 73)` looks like.

```
.text, #text, p{  
    color:rgb(81, 226, 73)  
}
```

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(81, 226, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 226, 73) }
```

## Border

The CSS property to change the border of an element to Android 4283556425 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(81, 226, 73) }
```

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

```
.border{ border-color:rgb(81, 226, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 226, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 226, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 226, 73);  
box-shadow:4px 4px 4px 4px rgb(81, 226,  
73) }
```

# Background

The CSS property to change the background color of an element to Android 4283556425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 226, 73) }
```

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

```
.background{ background-color: rgb(81, 226,  
73) }
```

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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