

Converting Colors

Android(4283555376)

Have a look what the booklet for
Android(4283555376) contains.

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Color

Android(4283555376)

Conversions

Conversions Part 1

Format	Color
Hex	51DE30
RGB	81, 222, 48
RGB Percent	32%, 87%, 19%
CMY	0.6824, 0.1294, 0.8118
CMYK	0.64, 0.00, 0.78, 0.13
HSL	109°, 72%, 53%
HSV	109°, 78%, 87%
XYZ	30.0481, 54.2053, 11.6753
YIQ	160.0050, -28.1820, -84.0060

Conversions

Conversions Part 2

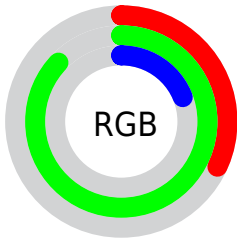
Format	Color
RYB	48, 222, 189
Decimal	5365296
CIELab	78.58, -67.06, 68.05
CIELCh	79, 95.546, 134.580
Yxy	54.2053, 0.3132, 0.5651
Android (android.graphics.Color)	4283555376 (0xFF51DE30)
YUV	160.0050, -55.2185, -69.2874
Hunter-Lab	73.6242, -55.9916, 42.1348

Details

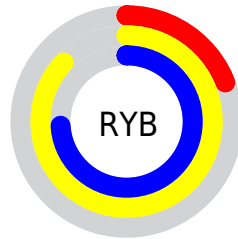
The Android color `4283555376` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark muted green. A complement of this color would be `4290588894`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4287823724`, and `4278232320` is the 20% darker color. If you saturate the color by 10%, you get `4282375706`, and if you desaturate by 10%, it is `4284735046`.

Distribution



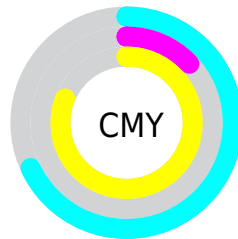
- Red (32%)
- Green (87%)
- Blue (19%)



- Red (19%)
- Yellow (87%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (78%)
- Black (13%)



- Cyan (68%)
- Magenta (13%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283555376 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 4283555376 by changing the saturation by 10% instead.

 4283555376

 4283555376

4294967295

 4280860928

 4287823724

 4278232320

 4289855368

 4278225408

 4291887012

 4278218496

 4293853121

 4278212096

 4294967262

 4278205696

4294967292

 4278199296

 4278190080

 4283555376

 4283555376

■ 4282375706

■ 4284735046

■ 4281196036

■ 4285914716

■ 4280999424

■ 4287094387

■ 4288274057

■ 4289453727

■ 4290633397

■ 4291813067

■ 4292992738

■ 4294172408

Harmonies

Analogous

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



4290890752



4283555376



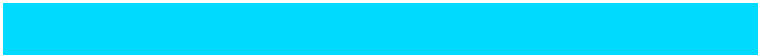
4278249360

Triad

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



428355376



4278246143



4294925723

Complementary

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



428355376



429058894

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.



4294928372



4283555376



4280532991

Square

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



428355376



4278249471



4294677759



4294935367

Rectangle

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



428355376



4278250190



4294677759



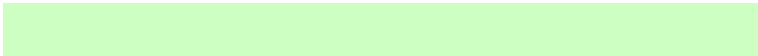
4294924729

Sweetspot

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



4283555376



4291690434



4292786992



4284645467



4278190080



4286611584

Same Dimension

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



4283555376



4282253071



4281392740



4284969061



4280397824



4278792192

Inverse Universe

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



4290588894



4291956735



4292751530



4285425008



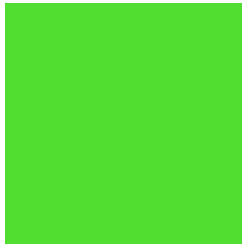
4287561904



4280746032

Previews

White Background



This preview shows how the Android color 4283555376 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 4283555376 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 4283555376 Background



This preview shows how black text looks on a background with the Android color 4283555376.

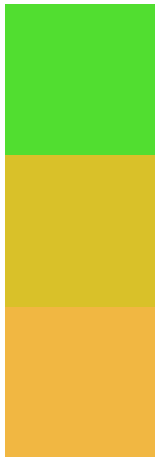


This preview shows how white text looks on a background with the Android color 4283555376.

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
4283555376

Protanopia
4292460841

Deuteranopia
4294031170

Trichromacy



Original Color

4283555376



Protanomaly

4289252396



Deuteranomaly

4290233659



Tritanomaly

4285125792

Monochromacy



Original Color

4283555376



Achromatopsia

4288716960



Achromatomaly

4286822263

CSS Examples

Text

The CSS property to change the color of the text to Android 4283555376 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, 222, 48)` looks like.

```
.text, #text, p{  
    color:rgb(81, 222, 48)  
}
```

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, 222, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 222, 48) }
```

Border

The CSS property to change the border of an element to Android 4283555376 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, 222, 48) }
```

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

```
.border{ border-color:rgb(81, 222, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 222, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 222, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 222, 48);  
box-shadow:4px 4px 4px 4px rgb(81, 222,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4283555376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 222, 48) }
```

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

```
.background{ background-color: rgb(81, 222,  
48) }
```

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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