

# Converting Colors

Android(4282772805)

Have a look what the booklet for  
Android(4282772805) contains.

<b>Android(4282772805)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4282772805)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	45ED45
RGB	69, 237, 69
RGB Percent	27%, 93%, 27%
CMY	0.7294, 0.0706, 0.7294
CMYK	0.71, 0.00, 0.71, 0.07
HSL	120°, 82%, 60%
HSV	120°, 71%, 93%
XYZ	33.8126, 62.2633, 15.8661
YIQ	167.6160, -46.2000, -87.8640

# Conversions

## Conversions Part 2

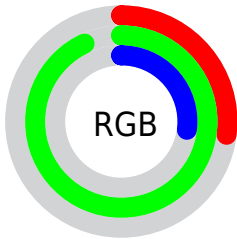
Format	Color
<a href="#">RYB</a>	<a href="#">69, 237, 237</a>
Decimal	<a href="#">4582725</a>
CIELab	<a href="#">83.05, -72.67, 65.54</a>
CIELCh	<a href="#">83, 97.858, 137.955</a>
Yxy	<a href="#">62.2633, 0.3021, 0.5562</a>
Android (android.graphics.Color)	<a href="#">4282772805 (0xFF45ED45)</a>
YUV	<a href="#">167.6160, -48.6177, -86.4862</a>
Hunter-Lab	<a href="#">78.9071, -61.5980, 43.3133</a>

# Details

The Android color `4282772805` is a dark color, and the websafe version is hex `66FF66`. The color can be described as dark muted green. A complement of this color would be `4293740013`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4287364990`, and `4278236160` is the 20% darker color. If you saturate the color by 10%, you get `4281199917`, and if you desaturate by 10%, it is `4284345693`.

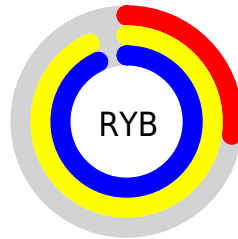
# Distribution



Red (27%)

Green (93%)

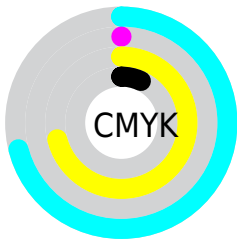
Blue (27%)



Red (27%)

Yellow (93%)

Blue (93%)

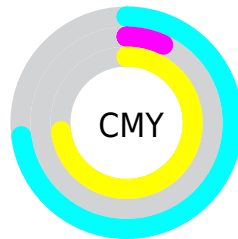


Cyan (71%)

Magenta (0%)

Yellow (71%)

Black (7%)



Cyan (73%)

Magenta (7%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282772805 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 4282772805 by changing the saturation by 10% instead.





4282772805



4282772805

4294967295



4278374437



4287364990



4278236160



4289462170



4278228992



4291493815



4278222080



4293590996



4278215168



4294967281



4278208512



4278202368




4278194944



4278190080

 4282772805

 4282772805

 4281199917

 4284345693

 4279692566

 4285853044

 4278250752

 4287425932

 4288998820

 4290506171

 4292079059

 4293651947

 4294962687

# Harmonies

## Analogous

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



4291091200



4282772805



4278253221

# Triad

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



4282772805



4278248959



4294929308

# Complementary

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



4282772805



4293740013

# 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.



4294930168



4282772805



4285319167

# Square

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



4282772805



4278252799



4294941439



4294939461

# Rectangle

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



4282772805



4278253798



4294941439



4294927802

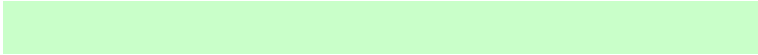


# Sweetspot

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



4282772805



4291428297



4293782853



4284514400



4278190080



4286611584



# Same Dimension

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



4282772805



4280745766



4282772889



4285166954



4278236416



4278203904



# Inverse Universe

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



4293740013



4294911743



4293739929



4285885045



4290052277

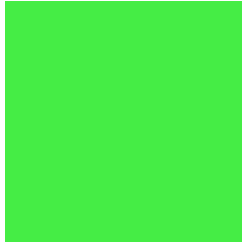


4281729078



# Previews

## White Background



This preview shows how the Android color 4282772805 looks on a white background.

## Color Contrast Check

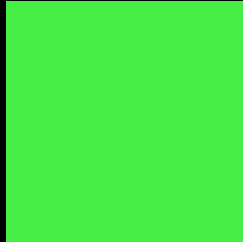
Large Text (above 18pt) WCAG AA × Fail

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 4282772805 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

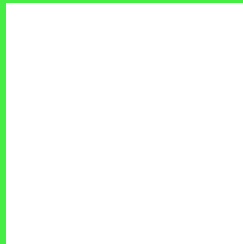
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282772805 Background



This preview shows how black text looks on a background with the Android color 4282772805.




This preview shows how white text looks on a background with the Android color 4282772805.

# 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





**Tritanopia**  
4285849071

# Trichromacy



**Original Color**

4282772805



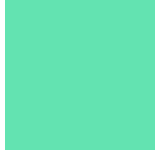
**Protanomaly**

4289452352



**Deuteranomaly**

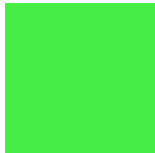
4290499151



**Tritanomaly**

4284736433

# Monochromacy



**Original Color**

4282772805



**Achromatopsia**

4289243304



**Achromatomaly**

4286890372

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282772805 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(69, 237, 69)` looks like.

```
.text, #text, p{  
    color:rgb(69, 237, 69)  
}
```

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(69, 237, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 237, 69) }
```

## Border

The CSS property to change the border of an element to Android 4282772805 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(69, 237, 69) }
```

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

```
.border{ border-color:rgb(69, 237, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 237, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 237, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 237, 69);  
box-shadow:4px 4px 4px 4px rgb(69, 237,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4282772805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 237, 69) }
```

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

```
.background{ background-color: rgb(69, 237,  
69) }
```

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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