

Converting Colors

Android(4282570277)

Have a look what the booklet for
Android(4282570277) contains.

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Color

Android(4282570277)

Conversions

Conversions Part 1

Format	Color
Hex	42D625
RGB	66, 214, 37
RGB Percent	26%, 84%, 15%
CMY	0.7412, 0.1608, 0.8549
CMYK	0.69, 0.00, 0.83, 0.16
HSL	110°, 71%, 49%
HSV	110°, 83%, 84%
XYZ	26.6273, 49.3850, 9.8791
YIQ	149.5700, -31.3910, -86.4230

Conversions

Conversions Part 2

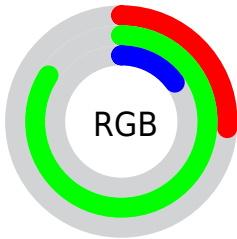
Format	Color
RYB	37, 214, 185
Decimal	4380197
CIELab	75.69, -68.05, 68.22
CIELCh	76, 96.356, 134.931
Yxy	49.3850, 0.3100, 0.5750
Android (android.graphics.Color)	4282570277 (0xFF42D625)
YUV	149.5700, -55.4970, -73.2909
Hunter-Lab	70.2744, -55.3459, 40.8572

Details

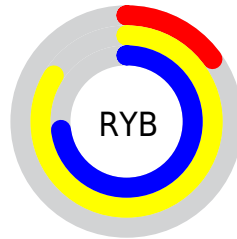
The Android color `4282570277` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4290323926`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4287037283`, and `4278230528` is the 20% darker color. If you saturate the color by 10%, you get `4281390608`, and if you desaturate by 10%, it is `4283749946`.

Distribution



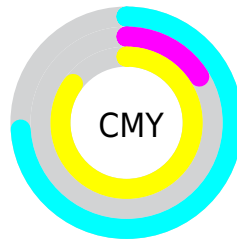
- Red (26%)
- Green (84%)
- Blue (15%)



- Red (15%)
- Yellow (84%)
- Blue (73%)



- Cyan (69%)
- Magenta (0%)
- Yellow (83%)
- Black (16%)



- Cyan (74%)
- Magenta (16%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282570277 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 4282570277 by changing the saturation by 10% instead.



4282570277



4282570277

4294967295



4278630912



4287037283



4278230528



4289068927



4278223616



4291100572



4278216704



4293132216



4278210048



4294967253



4278204160



4294967283



4278197248



4278190080



4282570277



4282570277

 4281390608

 4283749946

 4280538624

 4284929616


 4286109285

 4287288955

 4288403088

 4289582757

 4290762427

 4291942096

 4293121766

Harmonies

Analogous

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



4290233344



4282570277



4278247305

Triad

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



4282570277



4278244095



4294922642

Complementary

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



4282570277



4290323926

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.



4294925291



4282570277



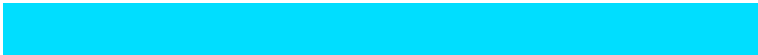
4278236927

Square

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



4282570277



4278247167



4294216703



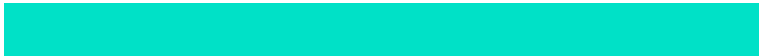
4294933309

Rectangle

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



4282570277



4278247879



4294216703



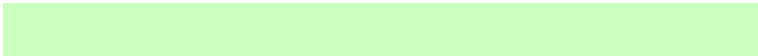
4294921392

Sweetspot

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



4282570277



4291493823



4292262181



4284514393



4278190080



4286611584

Same Dimension

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



4282570277



4281138947



4280669792



4284640096



4280068864



4278659840

Inverse Universe

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



4290323926



4292215807



4292224411



4285096043



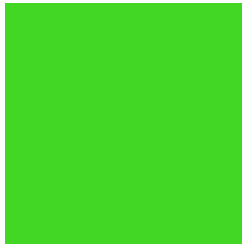
4287561899



4280549419

Previews

White Background



This preview shows how the Android color 4282570277 looks on a white background.

Color Contrast Check

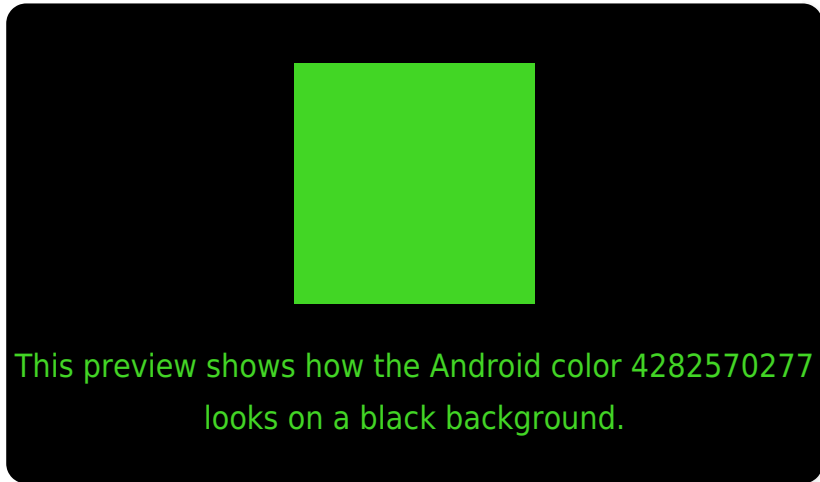
Large Text (above 18pt) WCAG AA × Fail

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

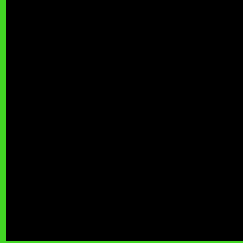
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

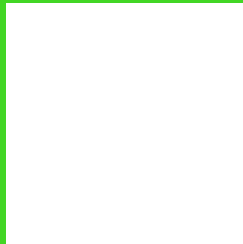
Any Text WCAG AAA ✓ Pass

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

Android 4282570277 Background



This preview shows how black text looks on a background with the Android color 4282570277.



This preview shows how white text looks on a background with the Android color 4282570277.

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
4282570277

Protanopia
4291868957

Deuteranopia
4293439289

Trichromacy



Original Color

4282570277



Protanomaly

4288463904



Deuteranomaly

4289510706



Tritanomaly

4284337302

Monochromacy



Original Color

4282570277



Achromatopsia

4288059030



Achromatomaly

4286033261

CSS Examples

Text

The CSS property to change the color of the text to Android 4282570277 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(66, 214, 37)` looks like.

```
.text, #text, p{  
    color:rgb(66, 214, 37)  
}
```

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(66, 214, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 214, 37) }
```

Border

The CSS property to change the border of an element to Android 4282570277 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(66, 214, 37) }
```

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

```
.border{ border-color:rgb(66, 214, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 214, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 214, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 214, 37);  
box-shadow:4px 4px 4px 4px rgb(66, 214,  
37) }
```

Background

The CSS property to change the background color of an element to Android 4282570277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 214, 37) }
```

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

```
.background{ background-color: rgb(66, 214,  
37) }
```

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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