

Converting Colors

Android(4282372420)

Have a look what the booklet for
Android(4282372420) contains.

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Color

Android(4282372420)

Conversions

Conversions Part 1

Format	Color
Hex	3FD144
RGB	63, 209, 68
RGB Percent	25%, 82%, 27%
CMY	0.7529, 0.1804, 0.7333
CMYK	0.70, 0.00, 0.67, 0.18
HSL	122°, 61%, 53%
HSV	122°, 70%, 82%
XYZ	25.8938, 47.0750, 13.1905
YIQ	149.2720, -41.7550, -74.8030

Conversions

Conversions Part 2

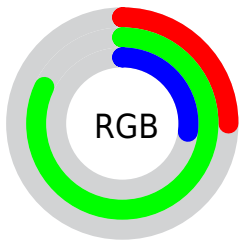
Format	Color
RYB	63, 204, 209
Decimal	4182340
CIELab	74.24, -64.82, 56.62
CIELCh	74, 86.070, 138.864
Yxy	47.0750, 0.3005, 0.5464
Android (android.graphics.Color)	4282372420 (0xFF3FD144)
YUV	149.2720, -40.0671, -75.6605
Hunter-Lab	68.6113, -52.7042, 36.6294

Details

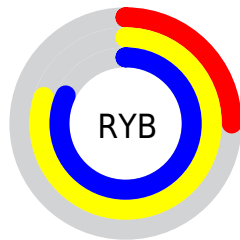
The Android color `4282372420` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4291903436`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4286775162`, and `4278229248` is the 20% darker color. If you saturate the color by 10%, you get `4280996144`, and if you desaturate by 10%, it is `4283748696`.

Distribution



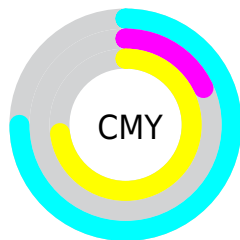
- Red (25%)
- Green (82%)
- Blue (27%)



- Red (25%)
- Yellow (80%)
- Blue (82%)



- Cyan (70%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282372420 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 4282372420 by changing the saturation by 10% instead.

 4282372420

 4282372420

4294967295

 4278498599

 4286775162

 4278229248

 4288741270

 4278222336

 4290772914

 4278215680

 4292739022

 4278209024

 4294770667

 4278203136

 4278195968

 4278190080

 4282372420

 4282372420

 4280996144

 4283748696

 4279619868

 4285124972


 4278243591

 4286501249

 4287877525

 4289253801

 4290564541

 4291940817

 4293317093

 4294693370

Harmonies

Analogous

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



4289446400



4282372420



4278245525

Triad

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



4282372420



4278241791



4294927496

Complementary

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



4282372420



4291903436

Split Complementary

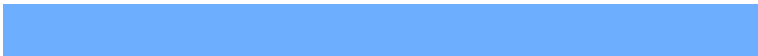
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294927832



4282372420



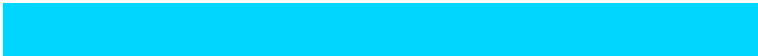
4285443839

Square

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



4282372420



4278245119



4294412799



4294935871

Rectangle

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



4282372420



4278246093



4294412799



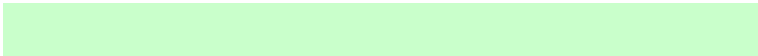
4294926243

Sweetspot

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



4282372420



4291428299



4291612991



4284514401



4278190080



4286611584

Same Dimension

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



4282372420



4280942384



4282372493



4284377438



4278233094



4278200577

Inverse Universe

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



4291903436



4294912504



4291903363



4285095528



4289200291



4280877095

Previews

White Background



This preview shows how the Android color 4282372420 looks on a white background.

Color Contrast Check

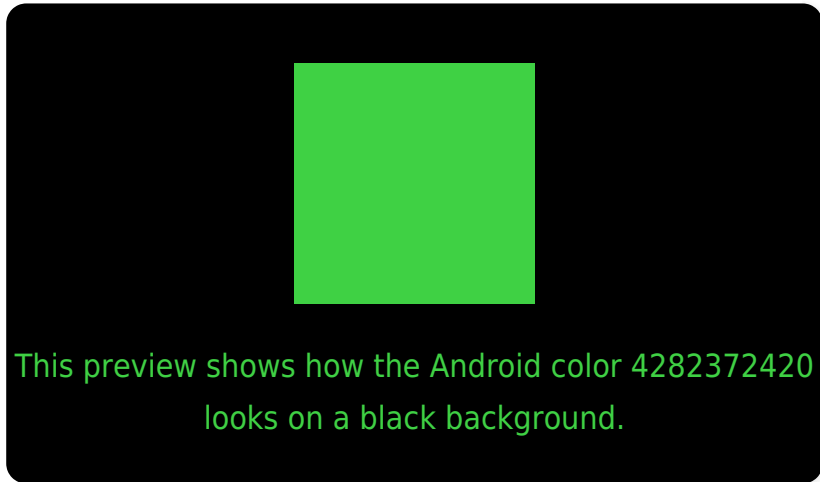
Large Text (above 18pt) WCAG AA × Fail

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 4282372420 Background



This preview shows how black text looks on a background with the Android color 4282372420.

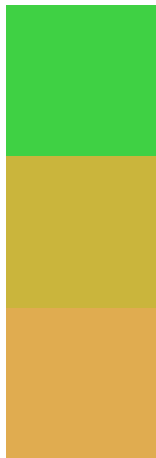


This preview shows how white text looks on a background with the Android color 4282372420.

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](#).

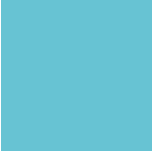
Dichromacy



Original Color
4282372420

Protanopia
4291474748

Deuteranopia
4292914256



Tritanopia
4284990419

Trichromacy



Original Color

4282372420



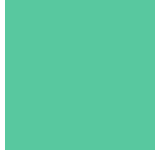
Protanomaly

4288134975



Deuteranomaly

4289050956



Tritanomaly

4284008607

Monochromacy



Original Color

4282372420



Achromatopsia

4287993237



Achromatomaly

4285967224

CSS Examples

Text

The CSS property to change the color of the text to Android 4282372420 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(63, 209, 68)` looks like.

```
.text, #text, p{  
    color:rgb(63, 209, 68)  
}
```

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(63, 209, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 209, 68) }
```

Border

The CSS property to change the border of an element to Android 4282372420 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(63, 209, 68) }
```

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

```
.border{ border-color:rgb(63, 209, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 209, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 209, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 209, 68);  
box-shadow:4px 4px 4px 4px rgb(63, 209,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4282372420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 209, 68) }
```

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

```
.background{ background-color: rgb(63, 209,  
68) }
```

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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