

Converting Colors

Android(4282832425)

Have a look what the booklet for
Android(4282832425) contains.

Android(4282832425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282832425)

Conversions

Conversions Part 1

Format	Color
Hex	46D629
RGB	70, 214, 41
RGB Percent	27%, 84%, 16%
CMY	0.7255, 0.1608, 0.8392
CMYK	0.67, 0.00, 0.81, 0.16
HSL	110°, 68%, 50%
HSV	110°, 81%, 84%
XYZ	26.9726, 49.5553, 10.2414
YIQ	151.2220, -30.2910, -84.3310

Conversions

Conversions Part 2

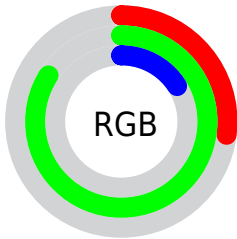
Format	Color
RYB	41, 214, 185
Decimal	4642345
CIELab	75.80, -67.10, 67.31
CIELCh	76, 95.042, 134.908
Yxy	49.5553, 0.3109, 0.5711
Android (android.graphics.Color)	4282832425 (0xFF46D629)
YUV	151.2220, -54.3394, -71.2317
Hunter-Lab	70.3955, -54.7985, 40.6512

Details

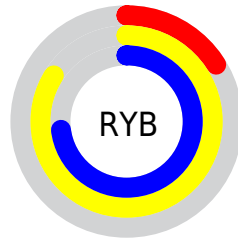
The Android color `4282832425` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4290324950`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4287233894`, and `4278230528` is the 20% darker color. If you saturate the color by 10%, you get `4281652756`, and if you desaturate by 10%, it is `4284012094`.

Distribution



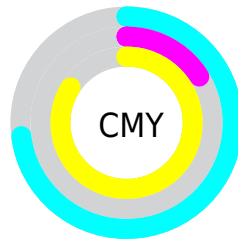
- Red (27%)
- Green (84%)
- Blue (16%)



- Red (16%)
- Yellow (84%)
- Blue (73%)



- Cyan (67%)
- Magenta (0%)
- Yellow (81%)
- Black (16%)



- Cyan (73%)
- Magenta (16%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282832425 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 4282832425 by changing the saturation by 10% instead.



4282832425



4282832425

4294967295



4279548416



4287233894



4278230528



4289265538



4278223616



4291231646



4278216704



4293263291



4278210048



4294967256



4278204160



4294967285



4278197504



4278190080



4282832425



4282832425

■ 4281652756

■ 4284012094

■ 4280604160

■ 4285191764

■ 4286305897

■ 4287485567

■ 4288665236

■ 4289844905

■ 4291024575

■ 4292204244

■ 4293318378

Harmonies

Analogous

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



4290298880



4282832425



4278247306

Triad

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



4282832425



4278244095



4294923411

Complementary

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



4282832425



4290324950

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.



4294926059



4282832425



4279023615

Square

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



4282832425



4278247167



4294216959



4294933567

Rectangle

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



4282832425



4278247879



4294216959



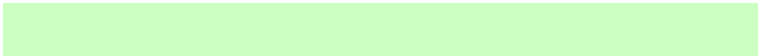
4294922416

Sweetspot

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



4282832425



4291624898



4292261417



4284579931



4278190080



4286611584

Same Dimension

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



4282832425



4281466632



4280931936



4284640096



4280134400



4278659840

Inverse Universe

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



4290324950



4292217087



4292225439



4285096043



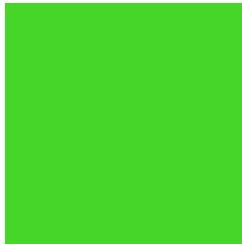
4287496363



4280549419

Previews

White Background



This preview shows how the Android color 4282832425 looks on a white background.

Color Contrast Check

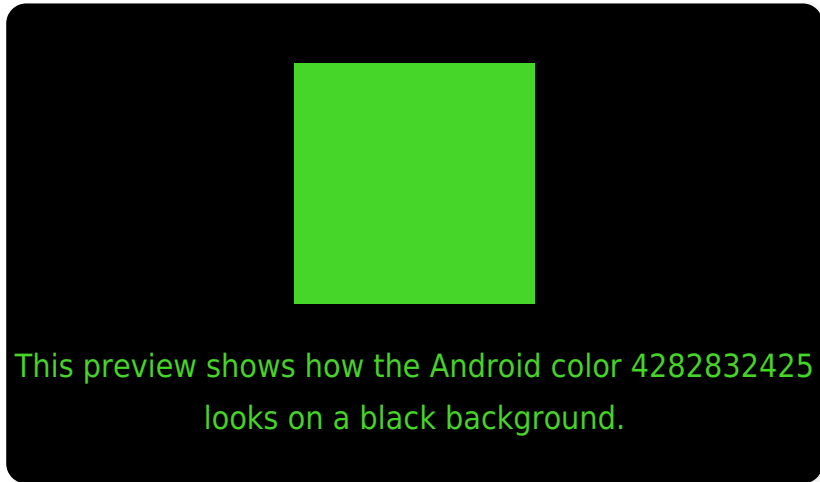
Large Text (above 18pt) WCAG AA × Fail

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 4282832425 Background



This preview shows how black text looks on a background with the Android color 4282832425.



This preview shows how white text looks on a background with the Android color 4282832425.

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

4282832425



Protanomaly

4288594981



Deuteranomaly

4289576501



Tritanomaly

4284468376

Monochromacy



Original Color

4282832425



Achromatopsia

4288124823



Achromatomaly

4286230127

CSS Examples

Text

The CSS property to change the color of the text to Android 4282832425 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(70, 214, 41)` looks like.

```
.text, #text, p{  
    color:rgb(70, 214, 41)  
}
```

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(70, 214, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 214, 41) }
```

Border

The CSS property to change the border of an element to Android 4282832425 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(70, 214, 41) }
```

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

```
.border{ border-color:rgb(70, 214, 41) }
```

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

Here you see how a box with a 4 pixel rgb(70, 214, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 214, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 214, 41);  
box-shadow:4px 4px 4px 4px rgb(70, 214,  
41) }
```

Background

The CSS property to change the background color of an element to Android 4282832425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 214, 41) }
```

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

```
.background{ background-color: rgb(70, 214,  
41) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor