

Converting Colors

Android(4282465487)

Have a look what the booklet for
Android(4282465487) contains.

| | |
|--|----|
| Android(4282465487) | 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(4282465487)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 413CCF |
| RGB | 65, 60, 207 |
| RGB Percent | 25%, 24%, 81% |
| CMY | 0.7451, 0.7647, 0.1882 |
| CMYK | 0.69, 0.71, 0.00, 0.19 |
| HSL | 242°, 60%, 52% |
| HSV | 242°, 71%, 81% |
| XYZ | 15.0583, 8.8605, 59.9481 |
| YIQ | 78.2530, -44.2070, 46.7770 |

Conversions

Conversions Part 2

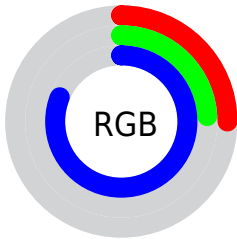
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 65, 60, 207 |
| Decimal | 4275407 |
| CIE Lab | 35.71, 47.64, -74.76 |
| CIE LCh | 36, 88.650, 302.510 |
| Yxy | 8.8605, 0.1796, 0.1056 |
| Android (android.graphics.Color) | 4282465487 (0xFF413CCF) |
| YUV | 78.2530, 63.4723, -11.6229 |
| Hunter-Lab | 29.7666, 38.2078, -98.5696 |

Details

The Android color `4282465487` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4291481404`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4286803455`, and `4278193815` is the 20% darker color. If you saturate the color by 10%, you get `4281149391`, and if you desaturate by 10%, it is `4283781583`.

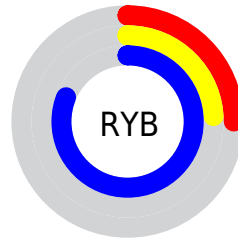
Distribution



Red (25%)

Green (24%)

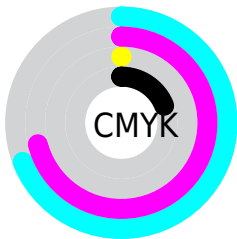
Blue (81%)



Red (25%)

Yellow (24%)

Blue (81%)

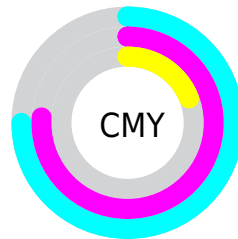


Cyan (69%)

Magenta (71%)

Yellow (0%)

Black (19%)



Cyan (75%)

Magenta (76%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282465487 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 4282465487 by changing the saturation by 10% instead.

 4282465487

 4282465487

4294967295

 4279117235

 4286803455

 4278193815

 4288776191

 4278190204

 4290814463

 4278190179

 4292787711

 4278192457

 4294826495

 4278191154

 4294964735

 4278190620

 4278190080

 4282465487

 4282465487

■ 4281149391

■ 4283781583

■ 4279833551

■ 4285097423

■ 4278649039

■ 4286413519

■ 4287729615

■ 4289045455

■ 4290361551

■ 4291677647

■ 4292993743

■ 4294309583

Harmonies

Analogous

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



4278214374



4282465487



4289200279

Triad

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



4282465487



4288229632



4278218073

Complementary

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



4282465487



4291481404

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.



4278217216



4282465487



4284634112

Square

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



4282465487



4290576395



4278215680



4278218400

Rectangle

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



4282465487



4290838633



4278215680



4278217791

Sweetspot

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



4282465487



4291545599



4282174159



4284571776



4278190080



4286611584

Same Dimension

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



4282465487



4281214719



4287249615



4284374633



4278583464



4278255657

Inverse Universe

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



4291771594



4294911736



4286697276



4285095528



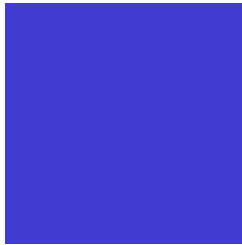
4289200291



4280877095

Previews

White Background



This preview shows how the Android color 4282465487 looks on a white background.

Color Contrast Check

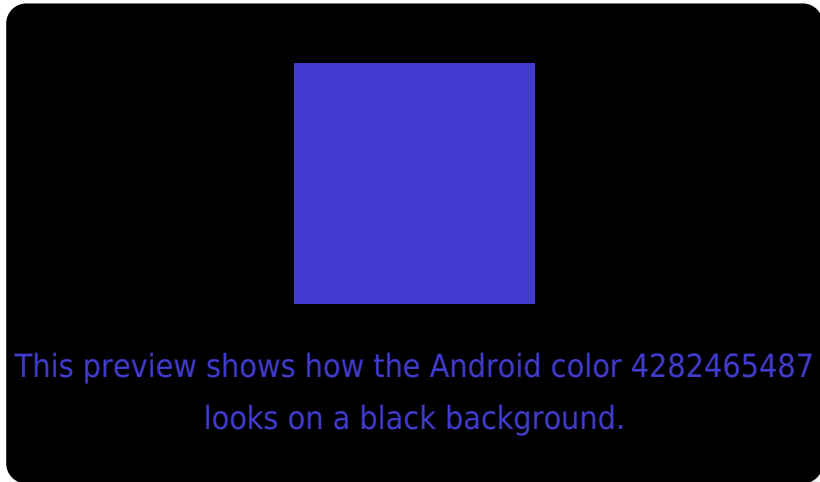
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

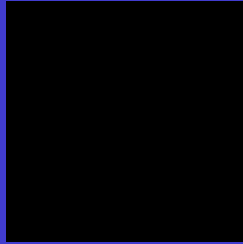
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4282465487 Background



This preview shows how black text looks on a background with the Android color 4282465487.



This preview shows how white text looks on a background with the Android color 4282465487.

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

4282465487

Protanopia

4278210986

Deuteranopia

4278212241

Trichromacy



Original Color
4282465487

Protanomaly
4279781815

Deuteranomaly
4279782824

Tritanomaly
4279783818

Monochromacy



Original Color
4282465487

Achromatopsia
4283321934

Achromatomaly
4282992509

CSS Examples

Text

The CSS property to change the color of the text to Android 4282465487 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(65, 60, 207)` looks like.

```
.text, #text, p{  
    color:rgb(65, 60, 207)  
}
```

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(65, 60, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 60, 207) }
```

Border

The CSS property to change the border of an element to Android 4282465487 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(65, 60, 207) }
```

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

```
.border{ border-color:rgb(65, 60, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 60, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 60, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 60, 207);  
box-shadow:4px 4px 4px 4px rgb(65, 60,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4282465487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 60, 207) }
```

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

```
.background{ background-color: rgb(65, 60,  
207) }
```

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