

Converting Colors

Android(4282800416)

Have a look what the booklet for
Android(4282800416) contains.

| | |
|--|----|
| Android(4282800416) | 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(4282800416)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 465920 |
| RGB | 70, 89, 32 |
| RGB Percent | 27%, 35%, 13% |
| CMY | 0.7255, 0.6510, 0.8745 |
| CMYK | 0.21, 0.00, 0.64, 0.65 |
| HSL | 80°, 47%, 24% |
| HSV | 80°, 64%, 35% |
| XYZ | 6.3589, 8.5511, 2.6819 |
| YIQ | 76.8210, 6.9730, -21.7550 |

Conversions

Conversions Part 2

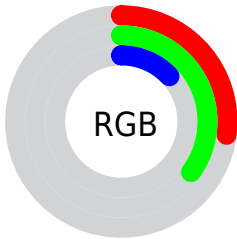
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 32, 89, 51 |
| Decimal | 4610336 |
| CIE Lab | 35.11, -17.30, 29.92 |
| CIE LCh | 35, 34.564, 120.039 |
| Yxy | 8.5511, 0.3615, 0.4861 |
| Android (android.graphics.Color) | 4282800416 (0xFF465920) |
| YUV | 76.8210, -22.0968, -5.9820 |
| Hunter-Lab | 29.2423, -12.3584, 15.0320 |

Details

The Android color `4282800416` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4281540697`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4286090063`, and `4279839488` is the 20% darker color. If you saturate the color by 10%, you get `4282603799`, and if you desaturate by 10%, it is `4282997033`.

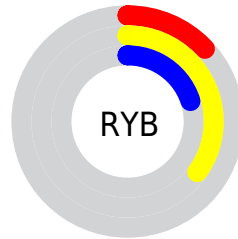
Distribution



Red (27%)

Green (35%)

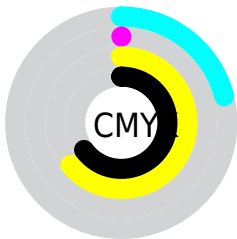
Blue (13%)



Red (13%)

Yellow (35%)

Blue (20%)

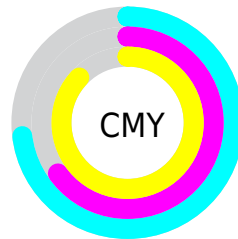


Cyan (21%)

Magenta (0%)

Yellow (64%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282800416 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 4282800416 by changing the saturation by 10% instead.



4282800416



4282800416

4294967295



4281221640



4286090063



4279839488



4287800679



4278196480



4289577345



4278190080



4291419291



4293261750



4294967250



4294967279



4282800416



4282800416

■ 4282603799

■ 4282997033

■ 4282407182

■ 4283193650

■ 4282210565

■ 4283390267

■ 4282079488

■ 4283586884

■ 4283783501

■ 4283980117

■ 4284176734

■ 4284373351

■ 4284569968

Harmonies

Analogous

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



4284633368



4282800416



4280311350

Triad

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



4282800416



4278213762



4286855764

Complementary

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



4282800416



4281540697

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.



4285808751



4282800416



4279457418

Square

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



4282800416



4278214765



4283648898



4286856505

Rectangle

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



4282800416



4278214728



4283648898



4286593885

Sweetspot

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



4282800416



4285231965



4284035872



4281744173



4290427578



4282071867

Same Dimension

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



4282800416



4283790106



4280965408



4280953639



4282870528



4288473856

Inverse Universe

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



4281540697



4281866867



4283441241



4280821547



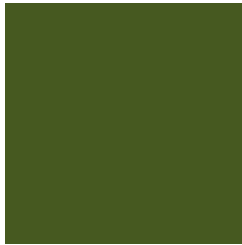
4280549483



4283302123

Previews

White Background



This preview shows how the Android color 4282800416 looks on a white background.

Color Contrast Check

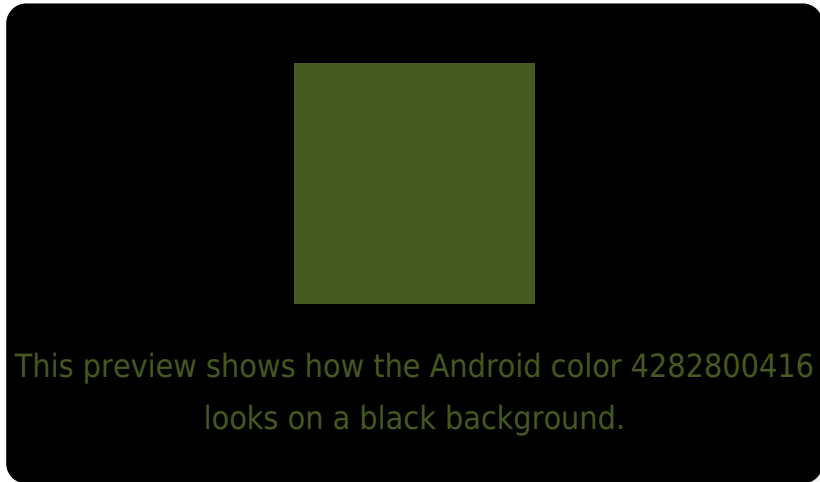
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282800416 Background



This preview shows how black text looks on a background with the Android color 4282800416.



This preview shows how white text looks on a background with the Android color 4282800416.

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

4282800416

Protanopia

4284240670

Deuteranopia

4284894755

Trichromacy



Original Color
4282800416

Protanomaly
4283716895

Deuteranomaly
4284109346

Tritanomaly
4283061573

Monochromacy



Original Color
4282800416

Achromatopsia
4283256141

Achromatomaly
4283060541

CSS Examples

Text

The CSS property to change the color of the text to Android 4282800416 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, 89, 32)` looks like.

```
.text, #text, p{  
    color:rgb(70, 89, 32)  
}
```

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, 89, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 89, 32) }
```

Border

The CSS property to change the border of an element to Android 4282800416 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, 89, 32) }
```

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

```
.border{ border-color:rgb(70, 89, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 89, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 89, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 89, 32);  
box-shadow:4px 4px 4px 4px rgb(70, 89, 32)  
}
```

Background

The CSS property to change the background color of an element to Android 4282800416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 89, 32) }
```

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

```
.background{ background-color: rgb(70, 89,  
32) }
```

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