

Converting Colors

Android(4282541416)

Have a look what the booklet for
Android(4282541416) contains.

Android(4282541416)	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(4282541416)

Conversions

Conversions Part 1

Format	Color
Hex	426568
RGB	66, 101, 104
RGB Percent	26%, 40%, 41%
CMY	0.7412, 0.6039, 0.5922
CMYK	0.37, 0.03, 0.00, 0.59
HSL	185°, 22%, 33%
HSV	185°, 37%, 41%
XYZ	9.3991, 11.4651, 14.8143
YIQ	90.8770, -21.8230, -6.4870

Conversions

Conversions Part 2

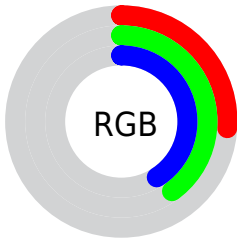
Format	Color
RYB	66, 84, 104
Decimal	4351336
CIELab	40.35, -11.68, -5.71
CIELCh	40, 13.002, 206.026
Yxy	11.4651, 0.2634, 0.3213
Android (android.graphics.Color)	4282541416 (0xFF426568)
YUV	90.8770, 6.4696, -21.8171
Hunter-Lab	33.8601, -9.7059, -2.2381

Details

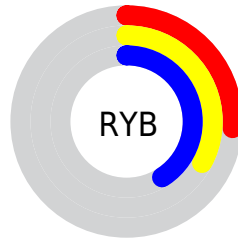
The Android color `4282541416` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285023554`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4285831323`, and `4279383609` is the 20% darker color. If you saturate the color by 10%, you get `4281885800`, and if you desaturate by 10%, it is `4283197032`.

Distribution



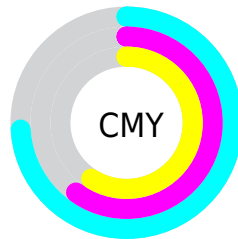
- Red (26%)
- Green (40%)
- Blue (41%)



- Red (26%)
- Yellow (33%)
- Blue (41%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (59%)



- Cyan (74%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282541416 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 4282541416 by changing the saturation by 10% instead.



4282541416



4282541416

4294967295



4280962384



4285831323



4279383609



4287542198



4278198564



4289318609



4278190863



4291095534



4278190080



4292935679

4294836223



4282541416



4282541416



4281885800



4283197032

■ 4281164648

■ 4283918184

■ 4280509288

■ 4284573544

■ 4279788136

■ 4285294696

■ 4279132520

■ 4285950312

■ 4278476904

■ 4286605928

■ 4278214760

■ 4287327080

■ 4287982696

■ 4288703592

Harmonies

Analogous

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



4282869085



4282541416



4282803056

Triad

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



4282541416



4285291115



4285095498

Complementary

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



4282541416



4285023554

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.



4285618766



4282541416



4285749345

Square

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



4282541416



4284439922



4285880406



4284309836

Rectangle

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



4282541416



4283261555



4285880406



4285291851

Sweetspot

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



4282541416



4286088839



4282542149



4282139717



4291085508



4282729797

Same Dimension

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



4282541416



4283204231



4282536552



4281217843



4278217331



4278247410

Inverse Universe

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



4285022821



4287057026



4285028418



4281544243



4285726826



4294050015

Previews

White Background



This preview shows how the Android color 4282541416 looks on a white background.

Color Contrast Check

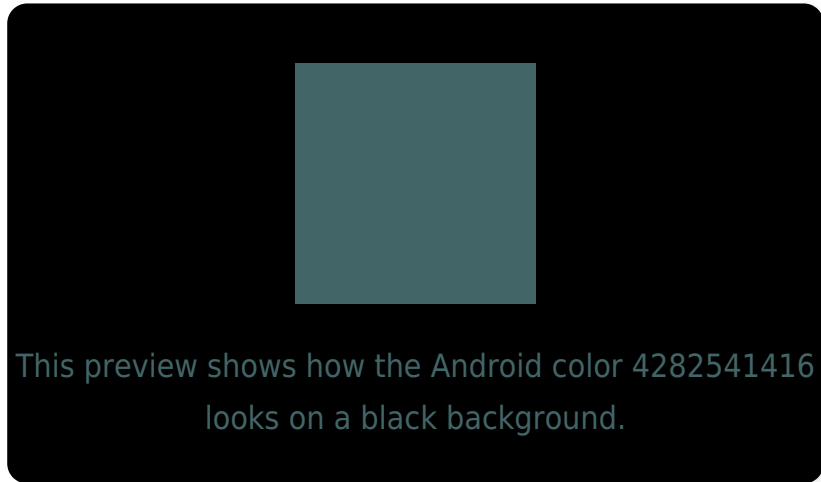
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4282541416 Background



This preview shows how black text looks on a background with the Android color 4282541416.



This preview shows how white text looks on a background with the Android color 4282541416.

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

4282541416

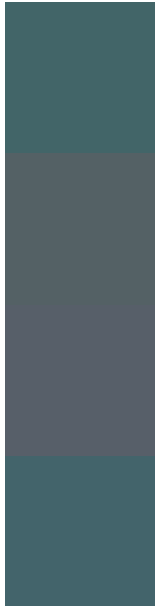
Protanopia

4284440164

Deuteranopia

4284701802

Trichromacy



Original Color

4282541416

Protanomaly

4283720037

Deuteranomaly

4283916137

Tritanomaly

4282606699

Monochromacy



Original Color

4282541416

Achromatopsia

4284177243

Achromatomaly

4283588448

CSS Examples

Text

The CSS property to change the color of the text to Android 4282541416 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, 101, 104)` looks like.

```
.text, #text, p{  
    color:rgb(66, 101, 104)  
}
```

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, 101, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 101, 104) }
```

Border

The CSS property to change the border of an element to Android 4282541416 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, 101, 104) }
```

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

```
.border{ border-color:rgb(66, 101, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 101, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 101, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 101, 104);  
box-shadow:4px 4px 4px 4px rgb(66, 101,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4282541416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 101, 104) }
```

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

```
.background{ background-color: rgb(66, 101,  
104) }
```

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