

Converting Colors

Android(4282611816)

Have a look what the booklet for
Android(4282611816) contains.

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Color

Android(4282611816)

Conversions

Conversions Part 1

Format	Color
Hex	437868
RGB	67, 120, 104
RGB Percent	26%, 47%, 41%
CMY	0.7373, 0.5294, 0.5922
CMYK	0.44, 0.00, 0.13, 0.53
HSL	162°, 28%, 37%
HSV	162°, 44%, 47%
XYZ	11.5299, 15.6257, 15.5051
YIQ	102.3290, -26.4520, -16.2120

Conversions

Conversions Part 2

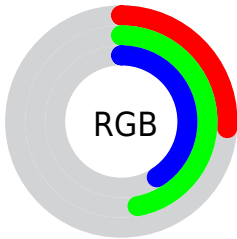
Format	Color
RYB	67, 98, 120
Decimal	4421736
CIELab	46.48, -21.79, 3.28
CIELCh	46, 22.041, 171.434
Yxy	15.6257, 0.2703, 0.3663
Android (android.graphics.Color)	4282611816 (0xFF437868)
YUV	102.3290, 0.8238, -30.9835
Hunter-Lab	39.5294, -17.1116, 4.4145

Details

The Android color `4282611816` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286071635`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285967771`, and `4279191353` is the 20% darker color. If you saturate the color by 10%, you get `4281825380`, and if you desaturate by 10%, it is `4283398252`.

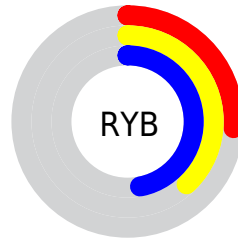
Distribution



Red (26%)

Green (47%)

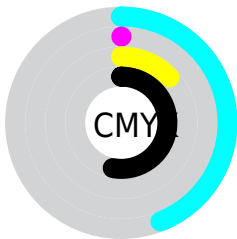
Blue (41%)



Red (26%)

Yellow (38%)

Blue (47%)

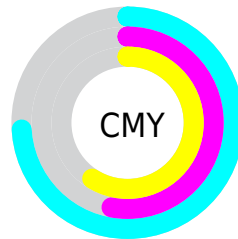


Cyan (44%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (74%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282611816 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 4282611816 by changing the saturation by 10% instead.

■ 4282611816

■ 4282611816

4294967295

■ 4280966992

■ 4285967771

■ 4279191353

■ 4287744182

■ 4278202404

■ 4289520849

■ 4278197518

■ 4291362798

■ 4278190080

■ 4293197823

■ 4282611816

■ 4282611816

■ 4281825380

■ 4283398252

■ 4281038945

■ 4284184687

■ 4280252509

■ 4284971123

■ 4279466074

■ 4285757558

■ 4278679638

■ 4286543994

■ 4278220884

■ 4287330430

■ 4288116865

■ 4288903301

■ 4289689737

Harmonies

Analogous

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



4283987543



4282611816



4281628795

Triad

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



4282611816



4285098896



4287456594

Complementary

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



4282611816



4286071635

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.



4287848802



4282611816



4286670213

Square

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



4282611816



4283330962



4287586676



4286606154

Rectangle

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



4282611816



4281563014



4287586676



4287652695

Sweetspot

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



4282611816



4287077525



4283725891



4282535755



4291809231



4283387727

Same Dimension

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



4282611816



4283014275



4282609272



4281810235



4278222167



4278254768

Inverse Universe

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



4286071635



4288432482



4286074179



4282201913



4286382118



4294705228

Previews

White Background



This preview shows how the Android color 4282611816 looks on a white background.

Color Contrast Check

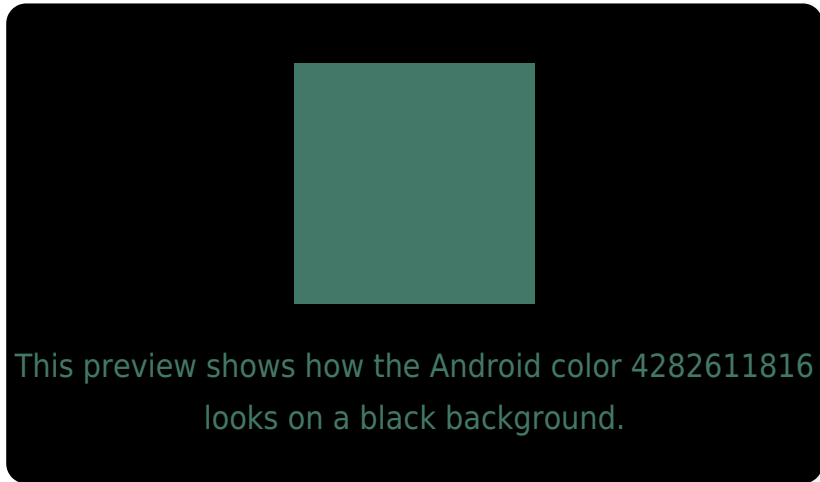
Large Text (above 18pt) WCAG AA ✓ Pass

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

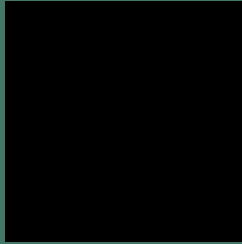
Any Text WCAG AA × Fail

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 4282611816 Background



This preview shows how black text looks on a background with the Android color 4282611816.



This preview shows how white text looks on a background with the Android color 4282611816.

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
4282611816

Protanopia
4285689186

Deuteranopia
4286147179

Trichromacy



Original Color

4282611816

Protanomaly

4284576100

Deuteranomaly

4284837738

Tritanomaly

4282873462

Monochromacy



Original Color

4282611816

Achromatopsia

4284900966

Achromatomaly

4284050791

CSS Examples

Text

The CSS property to change the color of the text to Android 4282611816 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(67, 120, 104)` looks like.

```
.text, #text, p{  
    color:rgb(67, 120, 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(67, 120, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 120, 104) }
```

Border

The CSS property to change the border of an element to Android 4282611816 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(67, 120, 104) }
```

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

```
.border{ border-color:rgb(67, 120, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 120, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 120, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 120, 104);  
box-shadow:4px 4px 4px 4px rgb(67, 120,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4282611816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 120, 104) }
```

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

```
.background{ background-color: rgb(67, 120,  
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](#).

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