

Converting Colors

Android(4278928406)

Have a look what the booklet for
Android(4278928406) contains.

Android(4278928406)	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(4278928406)

Conversions

Conversions Part 1

Format	Color
Hex	0B4416
RGB	11, 68, 22
RGB Percent	4%, 27%, 9%
CMY	0.9569, 0.7333, 0.9137
CMYK	0.84, 0.00, 0.68, 0.73
HSL	132°, 72%, 15%
HSV	132°, 84%, 27%
XYZ	2.3500, 4.2633, 1.4581
YIQ	45.7130, -19.2060, -26.3900

Conversions

Conversions Part 2

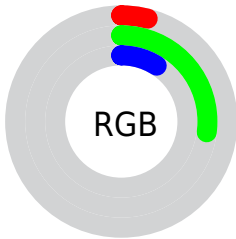
Format	Color
RYB	11, 59, 68
Decimal	738326
CIELab	24.52, -29.01, 22.37
CIELCh	25, 36.635, 142.358
Yxy	4.2633, 0.2911, 0.5282
Android (android.graphics.Color)	4278928406 (0xFF0B4416)
YUV	45.7130, -11.6905, -30.4433
Hunter-Lab	20.6478, -15.8184, 10.2665

Details

The Android color **4278928406** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282649401**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4282414403**, and **4278196224** is the 20% darker color. If you saturate the color by 10%, you get **4278469649**, and if you desaturate by 10%, it is **4279387163**.

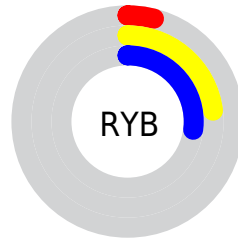
Distribution



Red (4%)

Green (27%)

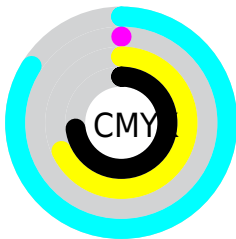
Blue (9%)



Red (4%)

Yellow (23%)

Blue (27%)

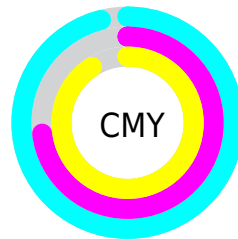


Cyan (84%)

Magenta (0%)

Yellow (68%)

Black (73%)



Cyan (96%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278928406 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 4278928406 by changing the saturation by 10% instead.

 4278928406

 4278928406

 4294901756

 4278201600

 4282414403

 4278196224

 4284059483

 4278190080

 4285770099

 4287481229

 4289323432

 4291100355

 4293001183

 4278928406

 4278928406

■ 4278469649

■ 4279387163

■ 4278207501

■ 4279845921

■ 4280239142

■ 4280697900

■ 4281156657

■ 4281615415

■ 4282074172

■ 4282467394

■ 4282926151

Harmonies

Analogous

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



4281614080



4278928406



4278208050

Triad

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



4278928406



4278206577



4285210663

Complementary

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



4278928406



4282649401

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.



4285013571



4278928406



4281022062

Square

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



4278928406



4278207846



4283705692



4284558094

Rectangle

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



4278928406



4278208325



4283705692



4285210160

Sweetspot

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



4278928406



4282603847



4282008587



4280299043



4289572269



4281216558

Same Dimension

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



4278928406



4278212881



4278928434



4280164638



4278214931



4278247467

Inverse Universe

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



4282649401



4284022856



4282649373



4280360481



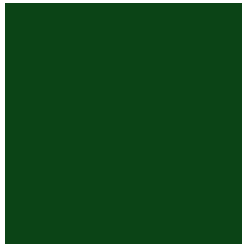
4284547150



4292870325

Previews

White Background



This preview shows how the Android color 4278928406 looks on a white background.

Color Contrast Check

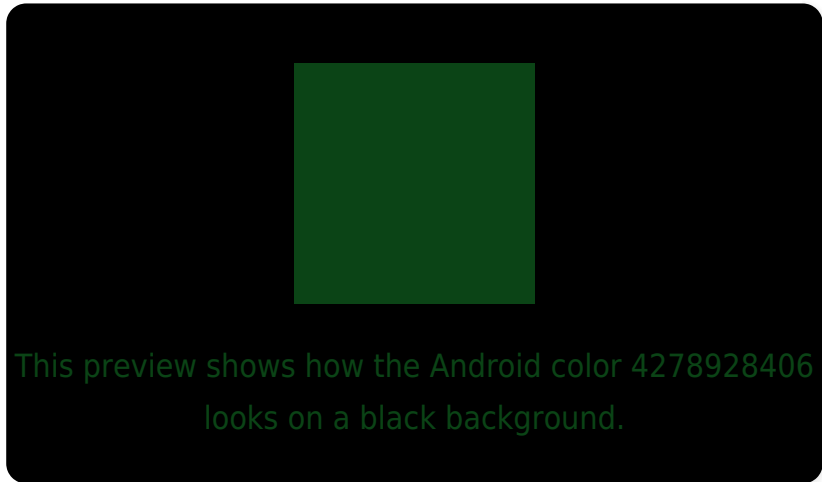
Large Text (above 18pt) WCAG AA ✓ Pass

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

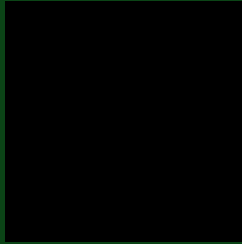
Any Text WCAG AA × Fail

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 4278928406 Background



This preview shows how black text looks on a background with the Android color 4278928406.



This preview shows how white text looks on a background with the Android color 4278928406.

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
4278928406

Protanopia
4282465043

Deuteranopia
4282923034

Trichromacy



Original Color

4278928406

Protanomaly

4281155092

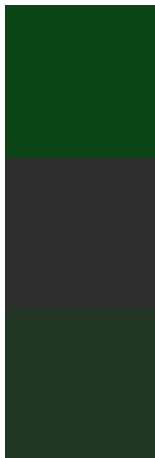
Deuteranomaly

4281482265

Tritanomaly

4279648564

Monochromacy



Original Color

4278928406

Achromatopsia

4281216558

Achromatomaly

4280366629

CSS Examples

Text

The CSS property to change the color of the text to Android 4278928406 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(11, 68, 22)` looks like.

```
.text, #text, p{  
    color:rgb(11, 68, 22)  
}
```

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(11, 68, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 68, 22) }
```

Border

The CSS property to change the border of an element to Android 4278928406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

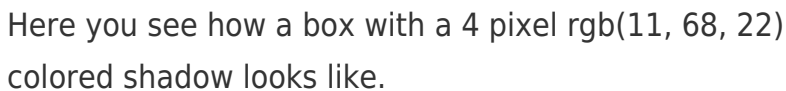
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 68, 22) }
```

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

```
.border{ border-color:rgb(11, 68, 22) }
```

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



Here you see how a box with a 4 pixel `rgb(11, 68, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 68, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 68, 22);  
box-shadow:4px 4px 4px 4px rgb(11, 68, 22)  
}
```

Background

The CSS property to change the background color of an element to Android 4278928406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 68, 22) }
```

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

```
.background{ background-color: rgb(11, 68,  
22) }
```

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