

Converting Colors

Android(4278666012)

Have a look what the booklet for
Android(4278666012) contains.

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Color

Android(4278666012)

Conversions

Conversions Part 1

Format	Color
Hex	07431C
RGB	7, 67, 28
RGB Percent	3%, 26%, 11%
CMY	0.9725, 0.7373, 0.8902
CMYK	0.90, 0.00, 0.58, 0.74
HSL	141°, 81%, 15%
HSV	141°, 90%, 26%
XYZ	2.3044, 4.1433, 1.7769
YIQ	44.6140, -23.2410, -24.8490

Conversions

Conversions Part 2

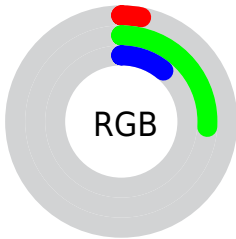
Format	Color
RYB	7, 51, 67
Decimal	475932
CIELab	24.14, -28.30, 18.48
CIELCh	24, 33.800, 146.863
Yxy	4.1433, 0.2802, 0.5038
Android (android.graphics.Color)	4278666012 (0xFF07431C)
YUV	44.6140, -8.1907, -32.9875
Hunter-Lab	20.3551, -15.4138, 9.0729

Details

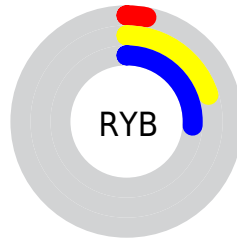
The Android color **4278666012** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282582830**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4282217545**, and **4278195968** is the 20% darker color. If you saturate the color by 10%, you get **4278207256**, and if you desaturate by 10%, it is **4279124768**.

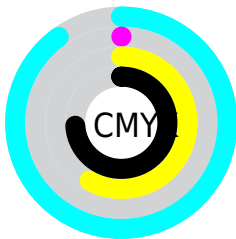
Distribution



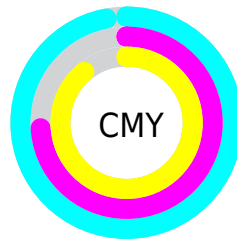
- Red (3%)
- Green (26%)
- Blue (11%)



- Red (3%)
- Yellow (20%)
- Blue (26%)



- Cyan (90%)
- Magenta (0%)
- Yellow (58%)
- Black (74%)



- Cyan (97%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278666012 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 4278666012 by changing the saturation by 10% instead.

 4278666012

 4278666012

 4294705151

 4278201348

 4282217545

 4278195968

 4283928161

 4278190080

 4285573242

 4287349907

 4289126574

 4290903498

 4292804582

 4278666012

 4278666012

■ 4278207256

■ 4279124768

■ 4278207255

■ 4279517989

■ 4279976745

■ 4280435501

■ 4280894258

■ 4281287478

■ 4281746234

■ 4282204991

■ 4282598211

Harmonies

Analogous

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



4281351942



4278666012



4278207798

Triad

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



4278666012



4278205804



4284883748

Complementary

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



4278666012



4282582830

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.



4284817469



4278666012



4281611367

Square

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



4278666012



4278207332



4283770966



4284165390

Rectangle

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



4278666012



4278207815



4283770966



4284948780

Sweetspot

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



4278666012



4282341191



4281221895



4280101666



4289440683



4281019179

Same Dimension

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



4278666012



4278212382



4278666042



4280164639



4278214946



4278247503

Inverse Universe

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



4282582830



4283891768



4282582800



4280360480



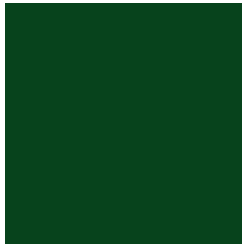
4284547135



4292870290

Previews

White Background



This preview shows how the Android color 4278666012 looks on a white background.

Color Contrast Check

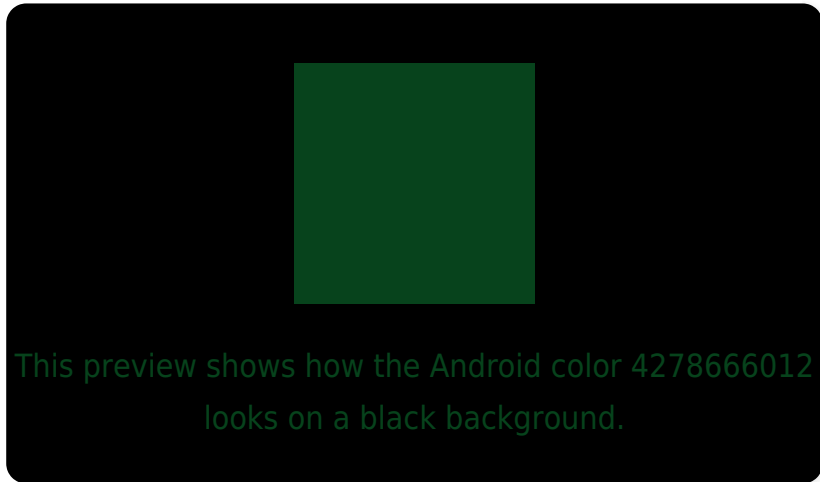
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278666012 Background



This preview shows how black text looks on a background with the Android color 4278666012.



This preview shows how white text looks on a background with the Android color 4278666012.

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
4278666012

Protanopia
4282399257

Deuteranopia
4282857247

Trichromacy



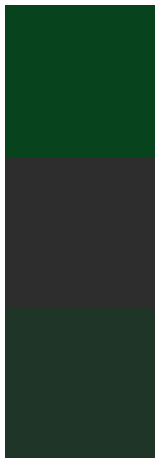
Original Color
4278666012

Protanomaly
4281023770

Deuteranomaly
4281350942

Tritanomaly
4279517237

Monochromacy



Original Color
4278666012

Achromatopsia
4281150765

Achromatomaly
4280235303

CSS Examples

Text

The CSS property to change the color of the text to Android 4278666012 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(7, 67, 28)` looks like.

```
.text, #text, p{  
    color:rgb(7, 67, 28)  
}
```

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(7, 67, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 67, 28) }
```

Border

The CSS property to change the border of an element to Android 4278666012 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(7, 67, 28) }
```

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

```
.border{ border-color:rgb(7, 67, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 67, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 67, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 67, 28); box-shadow:4px  
4px 4px 4px rgb(7, 67, 28) }
```

Background

The CSS property to change the background color of an element to Android 4278666012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 67, 28) }
```

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

```
.background{ background-color: rgb(7, 67,  
28) }
```

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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