

Converting Colors

Android(4278207012)

Have a look what the booklet for
Android(4278207012) contains.

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Color

Android(4278207012)

Conversions

Conversions Part 1

Format	Color
Hex	004224
RGB	0, 66, 36
RGB Percent	0%, 26%, 14%
CMY	1.0000, 0.7412, 0.8588
CMYK	1.00, 0.00, 0.45, 0.74
HSL	153°, 100%, 13%
HSV	153°, 100%, 26%
XYZ	2.2667, 4.0238, 2.3263
YIQ	42.8460, -29.7060, -23.3220

Conversions

Conversions Part 2

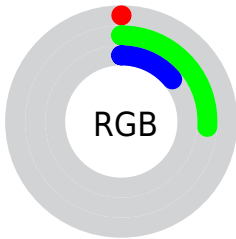
Format	Color
RYB	0, 43, 66
Decimal	16932
CIELab	23.75, -27.42, 13.04
CIELCh	24, 30.359, 154.566
Yxy	4.0238, 0.2631, 0.4670
Android (android.graphics.Color)	4278207012 (0xFF004224)
YUV	42.8460, -3.3751, -37.5759
Hunter-Lab	20.0594, -14.9340, 7.1658

Details

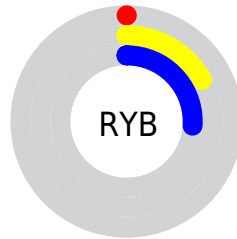
The Android color **4278207012** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282515486**, and the grayscale version is **4281019179**.

A 20% lighter version of the original color is **4281955153**, and **4278195712** is the 20% darker color. If you saturate the color by 10%, you get **4278207012**, and if you desaturate by 10%, it is **4278665767**.

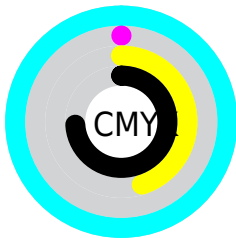
Distribution



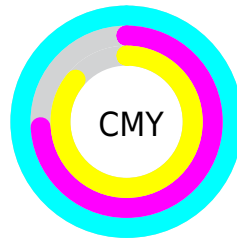
- Red (0%)
- Green (26%)
- Blue (14%)



- Red (0%)
- Yellow (17%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207012 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 4278207012 by changing the saturation by 10% instead.

 4278207012

 4278207012

 4294377471

 4278201103

 4281955153

 4278195712

 4283600233

 4278190080

 4285310850

 4287021980

 4288798647

 4290640851

 4292476911

 4278207012

■ 4278665767

■ 4279058986

■ 4279517741

■ 4279910960

■ 4280369715

■ 4280828470

■ 4281221689

■ 4281680444

■ 4282073663

Harmonies

Analogous

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



4280958736



4278207012



4278207291

Triad

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



4278207012



4278598246



4284426016

Complementary

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



4278207012



4282515486

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.



4284556086



4278207012



4282265950

Square

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



4278207012



4278206561



4283901772



4283707406

Rectangle

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



4278207012



4278207307



4283901772



4284556583

Sweetspot

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



4278207012



4282210123



4280238592



4280036132



4289440683



4281019179

Same Dimension

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



4278207012



4278212399



4278206530



4280164640



4278214965



4278247546

Inverse Universe

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



4282515486



4283891751



4282515968



4280360479



4284547116



4292870246

Previews

White Background



This preview shows how the Android color 4278207012 looks on a white background.

Color Contrast Check

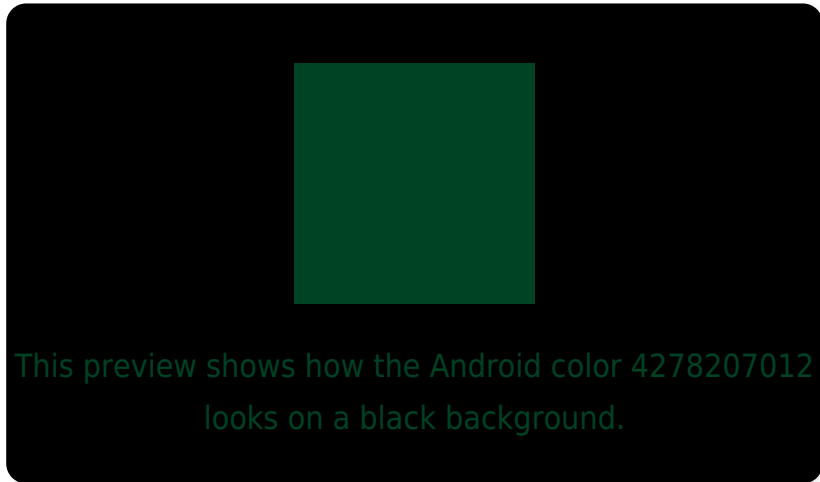
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207012 Background



This preview shows how black text looks on a background with the Android color 4278207012.



This preview shows how white text looks on a background with the Android color 4278207012.

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

4278207012

Protanopia

4282333473

Deuteranopia

4282660647

Trichromacy



Original Color
4278207012

Protanomaly
4280826914

Deuteranomaly
4281023270

Tritanomaly
4279254840

Monochromacy



Original Color
4278207012

Achromatopsia
4281019179

Achromatomaly
4279972648

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207012 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(0, 66, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 36)  
}
```

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(0, 66, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 36) }
```

Border

The CSS property to change the border of an element to Android 4278207012 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(0, 66, 36) }
```

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

```
.border{ border-color:rgb(0, 66, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 36); box-shadow:4px  
4px 4px 4px rgb(0, 66, 36) }
```

Background

The CSS property to change the background color of an element to Android 4278207012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 36) }
```

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

```
.background{ background-color: rgb(0, 66,  
36) }
```

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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