

Converting Colors

Android(4278199428)

Have a look what the booklet for
Android(4278199428) contains.

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Color

Android(4278199428)

Conversions

Conversions Part 1

Format	Color
Hex	002484
RGB	0, 36, 132
RGB Percent	0%, 14%, 52%
CMY	1.0000, 0.8588, 0.4824
CMYK	1.00, 0.73, 0.00, 0.48
HSL	224°, 100%, 26%
HSV	224°, 100%, 52%
XYZ	4.7957, 2.9277, 22.1421
YIQ	36.1800, -52.2720, 22.2240

Conversions

Conversions Part 2

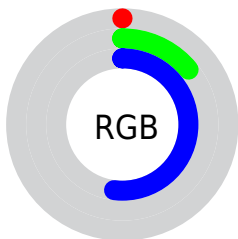
Format	Color
RYB	0, 28, 132
Decimal	9348
CIELab	19.75, 30.66, -55.97
CIELCh	20, 63.816, 298.711
Yxy	2.9277, 0.1606, 0.0980
Android (android.graphics.Color)	4278199428 (0xFF002484)
YUV	36.1800, 47.2393, -31.7299
Hunter-Lab	17.1105, 20.0866, -64.7478

Details

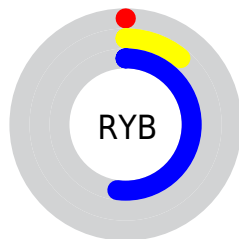
The Android color `4278199428` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4286865408`, and the grayscale version is `4280558628`.

A 20% lighter version of the original color is `4283453882`, and `4278190161` is the 20% darker color. If you saturate the color by 10%, you get `4278199428`, and if you desaturate by 10%, it is `4279053956`.

Distribution



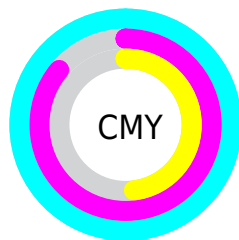
- Red (0%)
- Green (14%)
- Blue (52%)



- Red (0%)
- Yellow (11%)
- Blue (52%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (86%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278199428 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 4278199428 by changing the saturation by 10% instead.

 4278199428

 4278199428

4294967295

 4278194282

 4283453882

 4278190161

 4285360598

 4278191417

 4287267571

 4278190627

 4289174783

 4278190089

 4291082239

 4278190080

 4292989951

 4294963199

 4278199428

■ 4279053956

■ 4279908228

■ 4280828292

■ 4281682564

■ 4282537092

■ 4283391620

■ 4284245892

■ 4285165956

■ 4286020228

Harmonies

Analogous

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



4278204560



4278199428



4284612705

Triad

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



4278199428



4284486400



4278206509

Complementary

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



4278199428



4286865408

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.



4278205952



4278199428



4282265088

Square

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



4278199428



4285923330



4278466816



4278206812

Rectangle

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



4278199428



4285857859



4278466816



4278206236

Sweetspot

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



4278199428



4286088875



4278223967



4281811031



4292269782



4283914071

Same Dimension

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



4278199428



4278202283



4280090756



4282137922



4278199170



4278190339

Inverse Universe

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



4286840868



4289396783



4284974080



4282530877



4286709795



4278386689

Previews

White Background



This preview shows how the Android color 4278199428 looks on a white background.

Color Contrast Check

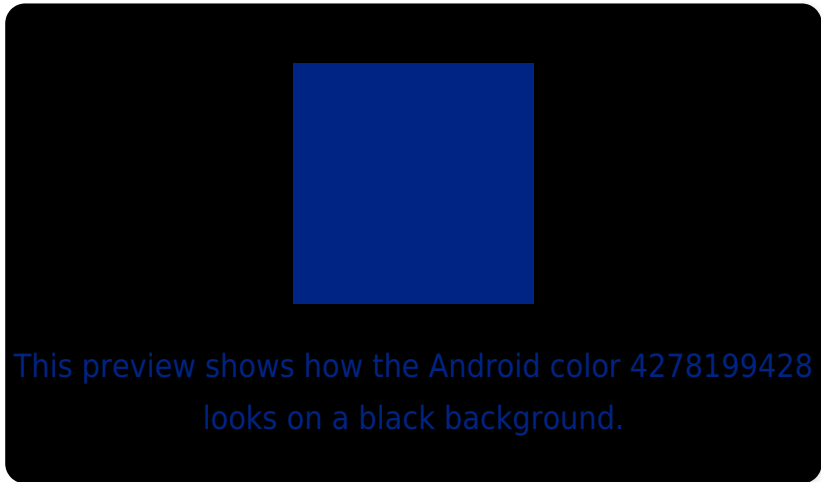
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278199428 Background



This preview shows how black text looks on a background with the Android color 4278199428.



This preview shows how white text looks on a background with the Android color 4278199428.

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
4278199428

Protanopia
4278202211

Deuteranopia
4278202965

Trichromacy



Original Color

4278199428

Protanomaly

4278201199

Deuteranomaly

4278201702

Monochromacy



Original Color

4278199428

Achromatopsia

4280558628

Achromatomaly

4279706695

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199428 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, 36, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 132)  
}
```

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, 36, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 132) }
```

Border

The CSS property to change the border of an element to Android 4278199428 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, 36, 132) }
```

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

```
.border{ border-color:rgb(0, 36, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 36, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 36, 132)  
}
```

Background

The CSS property to change the background color of an element to Android 4278199428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 132) }
```

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

```
.background{ background-color: rgb(0, 36,  
132) }
```

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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