

Converting Colors

Android(4278204016)

Have a look what the booklet for
Android(4278204016) contains.

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Color

Android(4278204016)

Conversions

Conversions Part 1

Format	Color
Hex	003670
RGB	0, 54, 112
RGB Percent	0%, 21%, 44%
CMY	1.0000, 0.7882, 0.5608
CMYK	1.00, 0.52, 0.00, 0.56
HSL	211°, 100%, 22%
HSV	211°, 100%, 44%
XYZ	4.2438, 3.8082, 15.8406
YIQ	44.4660, -50.8020, 6.5900

Conversions

Conversions Part 2

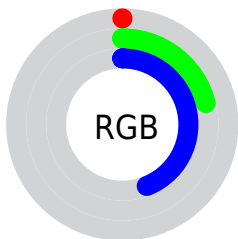
Format	Color
RYB	0, 36, 112
Decimal	13936
CIELab	23.03, 9.16, -37.90
CIElCh	23, 38.992, 283.590
Yxy	3.8082, 0.1776, 0.1594
Android (android.graphics.Color)	4278204016 (0xFF003670)
YUV	44.4660, 33.2943, -38.9967
Hunter-Lab	19.5146, 4.6676, -34.4674

Details

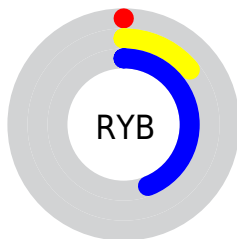
The Android color **4278204016** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285544960**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4282868900**, and **4278192703** is the 20% darker color. If you saturate the color by 10%, you get **4278204016**, and if you desaturate by 10%, it is **4278926448**.

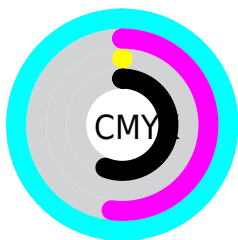
Distribution



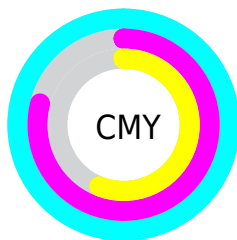
- Red (0%)
- Green (21%)
- Blue (44%)



- Red (0%)
- Yellow (14%)
- Blue (44%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278204016 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 4278204016 by changing the saturation by 10% instead.

 4278204016

 4278204016

4294967295

 4278198615

 4282868900

 4278192703

 4284710336

 4278190889

 4286486492

 4278190355

 4288328184

 4278190080

 4290170367

 4292078079

 4293984255

 4278204016

■ 4278926448

■ 4279648880

■ 4280436592

■ 4281159024

■ 4281881456

■ 4282603888

■ 4283326320

■ 4284114032

■ 4284836464

Harmonies

Analogous

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



4278206319



4278204016



4282919009

Triad

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



4278204016



4284686863



4278207269

Complementary

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



4278204016



4285544960

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.



4279517190



4278204016



4283510784

Square

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



4278204016



4285142571



4281874944



4278207556

Rectangle

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



4278204016



4284227153



4281874944



4278207003

Sweetspot

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



4278204016



4284906385



4278218810



4281285706



4291414473



4283058762

Same Dimension

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



4278204016



4278208145



4278321264



4281480504



4278205048



4278220791

Inverse Universe

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



4285530166



4287692870



4285427712



4281872949



4286054458



4294377591

Previews

White Background



This preview shows how the Android color 4278204016 looks on a white background.

Color Contrast Check

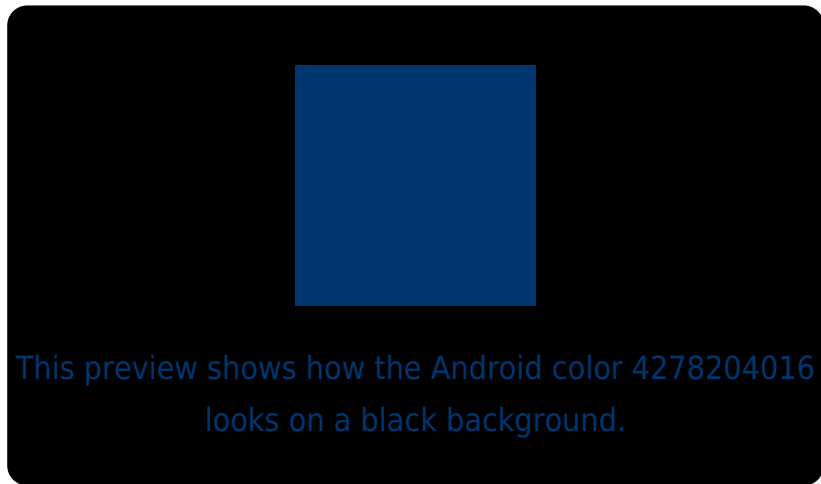
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278204016 Background



This preview shows how black text looks on a background with the Android color 4278204016.



This preview shows how white text looks on a background with the Android color 4278204016.

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

4278204016

Protanopia

4279252592

Deuteranopia

4278204771

Trichromacy



Original Color
4278204016

Protanomaly
4278859376

Deuteranomaly
4278204520

Monochromacy



Original Color
4278204016

Achromatopsia
4281084972

Achromatomaly
4280037445

CSS Examples

Text

The CSS property to change the color of the text to Android 4278204016 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, 54, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 112)  
}
```

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, 54, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 112) }
```

Border

The CSS property to change the border of an element to Android 4278204016 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, 54, 112) }
```

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

```
.border{ border-color:rgb(0, 54, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 54, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 54, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 54, 112)  
}
```

Background

The CSS property to change the background color of an element to Android 4278204016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 112) }
```

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

```
.background{ background-color: rgb(0, 54,  
112) }
```

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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