

Converting Colors

Android(4278207117)

Have a look what the booklet for
Android(4278207117) contains.

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Color

Android(4278207117)

Conversions

Conversions Part 1

Format	Color
Hex	00428D
RGB	0, 66, 141
RGB Percent	0%, 26%, 55%
CMY	1.0000, 0.7412, 0.4471
CMYK	1.00, 0.53, 0.00, 0.45
HSL	212°, 100%, 28%
HSV	212°, 100%, 55%
XYZ	6.7559, 5.8195, 25.9665
YIQ	54.8160, -63.4110, 9.3330

Conversions

Conversions Part 2

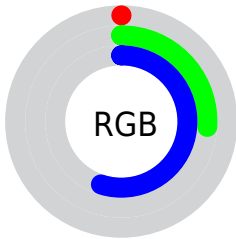
Format	Color
RYB	0, 45, 141
Decimal	17037
CIELab	28.95, 13.36, -46.52
CIELCh	29, 48.402, 286.020
Yxy	5.8195, 0.1753, 0.1510
Android (android.graphics.Color)	4278207117 (0xFF00428D)
YUV	54.8160, 42.4887, -48.0736
Hunter-Lab	24.1237, 7.7732, -46.9326

Details

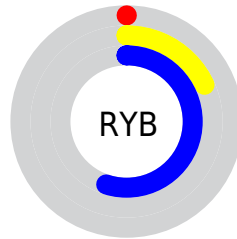
The Android color `4278207117` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4287449856`, and the grayscale version is `4281742902`.

A 20% lighter version of the original color is `4283527619`, and `4278196570` is the 20% darker color. If you saturate the color by 10%, you get `4278207117`, and if you desaturate by 10%, it is `4279126669`.

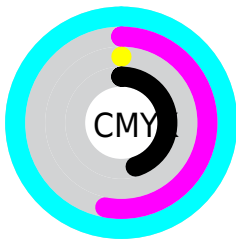
Distribution



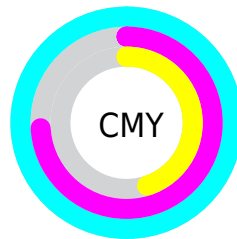
- Red (0%)
- Green (26%)
- Blue (55%)



- Red (0%)
- Yellow (18%)
- Blue (55%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278207117 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 4278207117 by changing the saturation by 10% instead.

■ 4278207117

■ 4278207117

4294967295

■ 4278201459

■ 4283527619

■ 4278196570

■ 4285434592

■ 4278190146

■ 4287276540

■ 4278190891

■ 4289183999

■ 4278190357

■ 4291091455

■ 4278190080

■ 4292999423

■ 4278207117

■ 4279126669

■ 4280045965

■ 4280965517

■ 4281884813

■ 4282869901

■ 4283789197

■ 4284708749

■ 4285628045

■ 4286547597

Harmonies

Analogous

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



4278210189



4278207117



4284362617

Triad

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



4278207117



4286196238



4278211377

Complementary

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



4278207117



4287449856

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.



4278996999



4278207117



4284627968

Square

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



4278207117



4286912306



4282534144



4278211928

Rectangle

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



4278207117



4285931875



4282534144



4278211364

Sweetspot

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



4278207117



4286683832



4278226249



4282075740



4292598747



4284243036

Same Dimension

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



4278207117



4278212280



4278321293



4282401863



4278206343



4278191112

Inverse Universe

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



4287430722



4290248790



4287335680



4282859588



4287037503



4278714372

Previews

White Background



This preview shows how the Android color 4278207117 looks on a white background.

Color Contrast Check

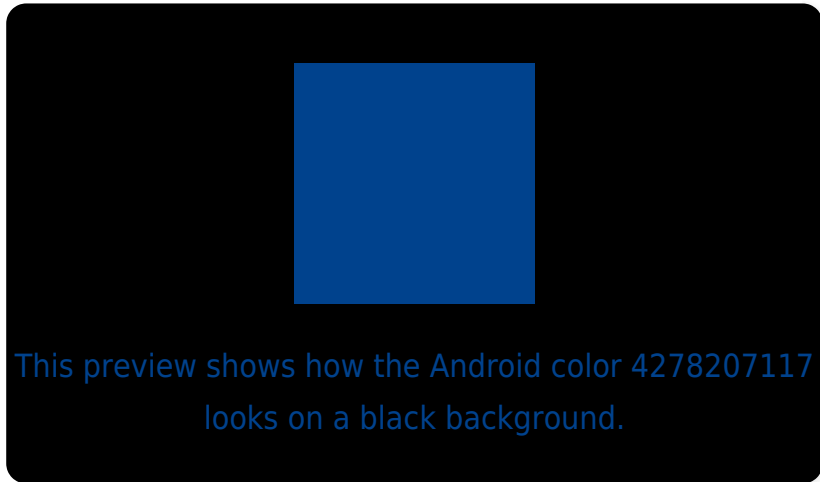
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207117 Background



This preview shows how black text looks on a background with the Android color 4278207117.



This preview shows how white text looks on a background with the Android color 4278207117.

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

4278207117

Protanopia

4278207117

Deuteranopia

4278208121

Trichromacy



Original Color
4278207117

Protanomaly
4278207117

Deuteranomaly
4278207872

Tritanomaly
4278208615

Monochromacy



Original Color
4278207117

Achromatopsia
4281808695

Achromatomaly
4280499030

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207117 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 141) }
```

Border

The CSS property to change the border of an element to Android 4278207117 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, 141) }
```

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

```
.border{ border-color:rgb(0, 66, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 141)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207117 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, 141) }
```

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

```
.background{ background-color: rgb(0, 66,  
141) }
```

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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