

Converting Colors

Android(4278216866)

Have a look what the booklet for
Android(4278216866) contains.

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Color

Android(4278216866)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0068A2 |
| RGB | 0, 104, 162 |
| RGB Percent | 0%, 41%, 64% |
| CMY | 1.0000, 0.5922, 0.3647 |
| CMYK | 1.00, 0.36, 0.00, 0.36 |
| HSL | 201°, 100%, 32% |
| HSV | 201°, 100%, 64% |
| XYZ | 11.4719, 12.5093, 35.9923 |
| YIQ | 79.5160, -80.6020, -4.0100 |

Conversions

Conversions Part 2

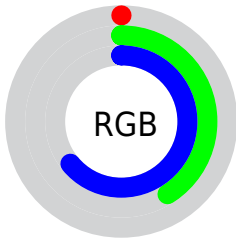
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 63, 162 |
| Decimal | 26786 |
| CIELab | 42.01, -2.96, -38.26 |
| CIElCh | 42, 38.376, 265.571 |
| Yxy | 12.5093, 0.1913, 0.2086 |
| Android (android.graphics.Color) | 4278216866 (0xFF0068A2) |
| YUV | 79.5160, 40.6646, -69.7355 |
| Hunter-Lab | 35.3684, -3.9975, -35.5779 |

Details

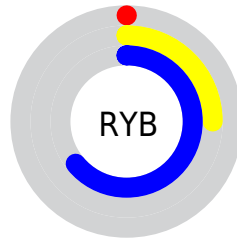
The Android color `4278216866` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288821760`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283931609`, and `4278205038` is the 20% darker color. If you saturate the color by 10%, you get `4278216866`, and if you desaturate by 10%, it is `4279266978`.

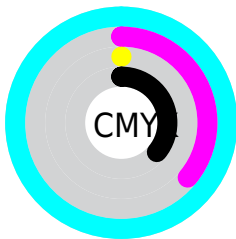
Distribution



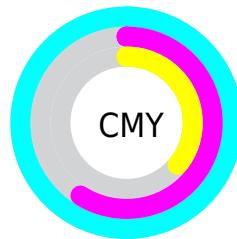
- Red (0%)
- Green (41%)
- Blue (64%)



- Red (0%)
- Yellow (25%)
- Blue (64%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (59%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216866 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 4278216866 by changing the saturation by 10% instead.



4278216866



4278216866

4294967295



4278210696



4283931609



4278205038



4285904630



4278199381



4287812095



4278193982



4289719807



4278190887



4291690495



4278190352



4293656575



4278190080



4278216866



4279266978

■ 4280317090

■ 4281432482

■ 4282482594

■ 4283532706

■ 4284582818

■ 4285632930

■ 4286748322

■ 4287798434

Harmonies

Analogous

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



4278218647



4278216866



4284308892

Triad

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



4278216866



4288498250



4281495614

Complementary

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



4278216866



4288821760

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.



4284115239



4278216866



4287648815

Square

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



4278216866



4288301161



4286144545



4278219357

Rectangle

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



4278216866



4286207120



4286144545



4282478133

Sweetspot

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



4278216866



4287938004



4278231609



4282735979



4293651435



4285229931

Same Dimension

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



4278216866



4278225108



4278196386



4282994514



4278214033



4278192914

Inverse Universe

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



4288807016



4292083848



4288842240



4283582799



4287692893



4279369739

Previews

White Background



This preview shows how the Android color 4278216866 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 × Fail

Black Background



This preview shows how the Android color 4278216866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

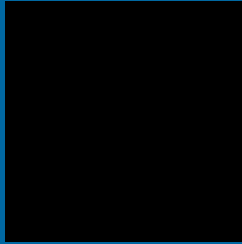
Any Text WCAG AA × Fail

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 4278216866 Background



This preview shows how black text looks on a background with the Android color 4278216866.



This preview shows how white text looks on a background with the Android color 4278216866.

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



Trichromacy



Original Color
4278216866

Protanomaly
4281427102

Deuteranomaly
4280640931

Tritanomaly
4278217862

Monochromacy



Original Color
4278216866

Achromatopsia
4283453520

Achromatomaly
4281555310

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216866 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, 104, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 162)  
}
```

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, 104, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 162) }
```

Border

The CSS property to change the border of an element to Android 4278216866 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, 104, 162) }
```

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

```
.border{ border-color:rgb(0, 104, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
162) }
```

Background

The CSS property to change the background color of an element to Android 4278216866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 162) }
```

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

```
.background{ background-color: rgb(0, 104,  
162) }
```

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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