

Converting Colors

Android(4278216600)

Have a look what the booklet for
Android(4278216600) contains.

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Color

Android(4278216600)

Conversions

Conversions Part 1

Format	Color
Hex	006798
RGB	0, 103, 152
RGB Percent	0%, 40%, 60%
CMY	1.0000, 0.5961, 0.4039
CMYK	1.00, 0.32, 0.00, 0.40
HSL	199°, 100%, 30%
HSV	199°, 100%, 60%
XYZ	10.5177, 11.9675, 31.4614
YIQ	77.7890, -77.1170, -6.5970

Conversions

Conversions Part 2

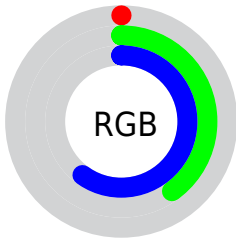
Format	Color
RYB	0, 61, 152
Decimal	26520
CIELab	41.16, -6.35, -33.66
CIELCh	41, 34.256, 259.317
Yxy	11.9675, 0.1950, 0.2218
Android (android.graphics.Color)	4278216600 (0xFF006798)
YUV	77.7890, 36.5860, -68.2210
Hunter-Lab	34.5941, -6.2697, -29.7051

Details

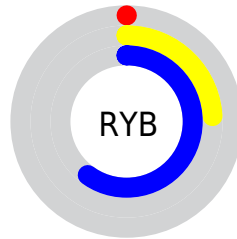
The Android color `4278216600` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288164096`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4283734735`, and `4278204517` is the 20% darker color. If you saturate the color by 10%, you get `4278216600`, and if you desaturate by 10%, it is `4279200920`.

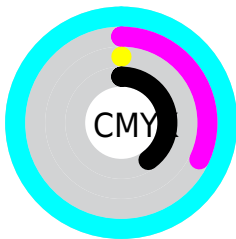
Distribution



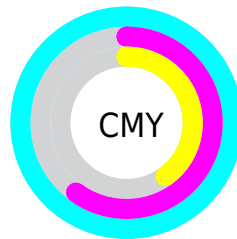
- Red (0%)
- Green (40%)
- Blue (60%)



- Red (0%)
- Yellow (24%)
- Blue (60%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216600 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 4278216600 by changing the saturation by 10% instead.

 4278216600

 4278216600

4294967295

 4278210430

 4283734735

 4278204517

 4285707755

 4278199116

 4287615231

 4278193205

 4289522943

 4278190623

 4291428351

 4278190083

 4293394431

 4278190080

 4278216600

 4279200920

■ 4280185240

■ 4281235096

■ 4282219416

■ 4283203736

■ 4284187800

■ 4285172120

■ 4286221976

■ 4287206296

Harmonies

Analogous

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



4278218123



4278216600



4283653782

Triad

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



4278216600



4288039504



4282346299

Complementary

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



4278216600



4288164096

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.



4284507434



4278216600



4287451703

Square

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



4278216600



4287646316



4286209065



4278218582

Rectangle

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



4278216600



4285486733



4286209065



4283132468

Sweetspot

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



4278216600



4287214020



4278229040



4282407011



4293125091



4284703587

Same Dimension

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



4278216600



4278224324



4278197400



4282731085



4278214540



4278192397

Inverse Universe

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



4288151655



4291035269



4288183296



4283254090



4287365215



4279042057

Previews

White Background



This preview shows how the Android color 4278216600 looks on a white background.

Color Contrast Check

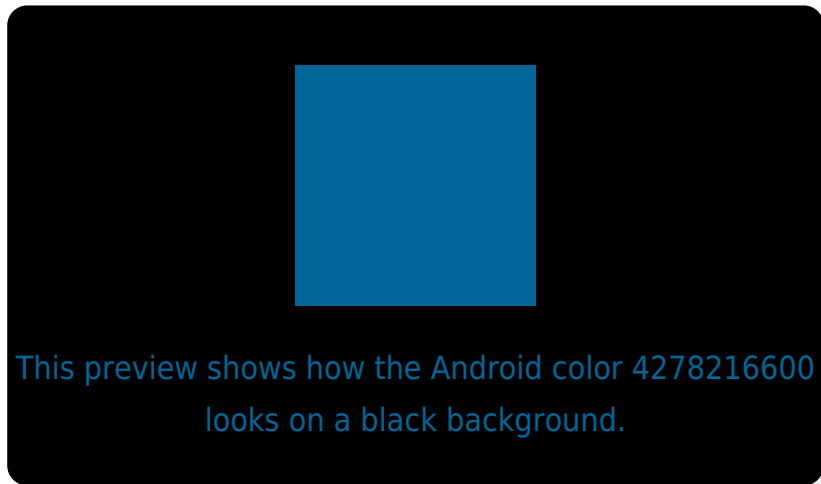
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

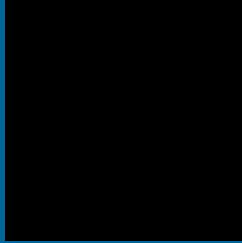
Any Text WCAG AA × Fail

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 4278216600 Background



This preview shows how black text looks on a background with the Android color 4278216600.



This preview shows how white text looks on a background with the Android color 4278216600.

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
4278216600

Protanomaly
4281557652

Deuteranomaly
4280968089

Tritanomaly
4278217345

Monochromacy



Original Color
4278216600

Achromatopsia
4283321934

Achromatomaly
4281489257

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216600 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, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 152)  
}
```

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, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 152) }
```

Border

The CSS property to change the border of an element to Android 4278216600 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, 103, 152) }
```

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

```
.border{ border-color:rgb(0, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4278216600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 152) }
```

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

```
.background{ background-color: rgb(0, 103,  
152) }
```

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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