

Converting Colors

Android(4278216858)

Have a look what the booklet for
Android(4278216858) contains.

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Color

Android(4278216858)

Conversions

Conversions Part 1

Format	Color
Hex	00689A
RGB	0, 104, 154
RGB Percent	0%, 41%, 60%
CMY	1.0000, 0.5922, 0.3961
CMYK	1.00, 0.32, 0.00, 0.40
HSL	199°, 100%, 30%
HSV	199°, 100%, 60%
XYZ	10.7830, 12.2337, 32.3649
YIQ	78.6040, -78.0340, -6.4980

Conversions

Conversions Part 2

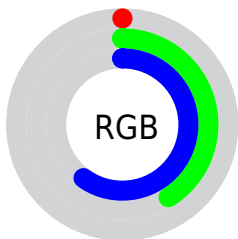
Format	Color
RYB	0, 62, 154
Decimal	26778
CIELab	41.59, -6.16, -34.19
CIELCh	42, 34.741, 259.783
Yxy	12.2337, 0.1947, 0.2209
Android (android.graphics.Color)	4278216858 (0xFF00689A)
YUV	78.6040, 37.1702, -68.9357
Hunter-Lab	34.9767, -6.1792, -30.3788

Details

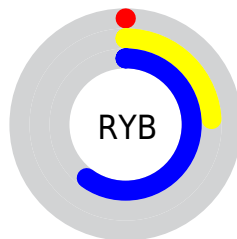
The Android color `4278216858` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288295424`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4283800529`, and `4278204774` is the 20% darker color. If you saturate the color by 10%, you get `4278216858`, and if you desaturate by 10%, it is `4279201178`.

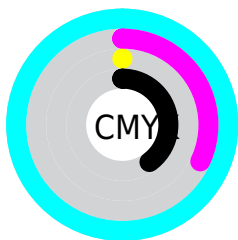
Distribution



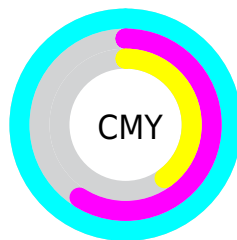
- Red (0%)
- Green (41%)
- Blue (60%)



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



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



- Cyan (100%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216858 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 4278216858 by changing the saturation by 10% instead.

 4278216858

 4278216858

4294967295

 4278210688

 4283800529

 4278204774

 4285708013

 4278199374

 4287615487

 4278193975

 4289523199

 4278190625

 4291493887

 4278190086

 4293394431

 4278190080

 4278216858

 4279201178

■ 4280251034

■ 4281235354

■ 4282285210

■ 4283269530

■ 4284253850

■ 4285303706

■ 4286288026

■ 4287337882

Harmonies

Analogous

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



4278218381



4278216858



4283719320

Triad

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



4278216858



4288170832



4282346812

Complementary

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



4278216858



4288295424

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.



4284507690



4278216858



4287583031

Square

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



4278216858



4287777645



4286274857



4278218839

Rectangle

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



4278216858



4285618062



4286274857



4283132724

Sweetspot

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



4278216858



4287477449



4278229553



4282473062



4293322470



4284900966

Same Dimension

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



4278216858



4278225097



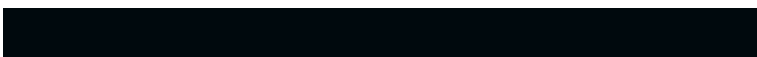
4278197402



4282731085



4278214540



4278192397

Inverse Universe

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



4288282728



4291362952



4288314880



4283254090



4287365215



4279042057

Previews

White Background



This preview shows how the Android color 4278216858 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 4278216858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

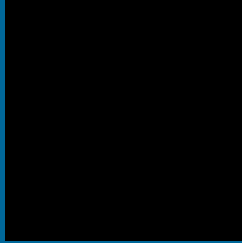
Any Text WCAG AA × Fail

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 4278216858 Background



This preview shows how black text looks on a background with the Android color 4278216858.



This preview shows how white text looks on a background with the Android color 4278216858.

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

4278216858

Protanopia

4283457683

Deuteranopia

4282540699

Trichromacy



Original Color
4278216858

Protanomaly
4281557910

Deuteranomaly
4280968347

Tritanomaly
4278217602

Monochromacy



Original Color
4278216858

Achromatopsia
4283387727

Achromatomaly
4281489514

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216858 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 154) }
```

Border

The CSS property to change the border of an element to Android 4278216858 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, 154) }
```

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

```
.border{ border-color:rgb(0, 104, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4278216858 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, 154) }
```

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

```
.background{ background-color: rgb(0, 104,  
154) }
```

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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