

Converting Colors

Android(4278212799)

Have a look what the booklet for
Android(4278212799) contains.

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Color

Android(4278212799)

Conversions

Conversions Part 1

Format	Color
Hex	0058BF
RGB	0, 88, 191
RGB Percent	0%, 35%, 75%
CMY	1.0000, 0.6549, 0.2510
CMYK	1.00, 0.54, 0.00, 0.25
HSL	212°, 100%, 37%
HSV	212°, 100%, 75%
XYZ	12.8937, 10.7410, 50.6839
YIQ	73.4300, -85.5110, 13.3770

Conversions

Conversions Part 2

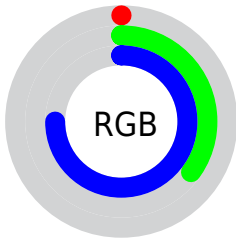
Format	Color
RYB	0, 60, 191
Decimal	22719
CIELab	39.14, 19.24, -59.93
CIELCh	39, 62.941, 287.795
Yxy	10.7410, 0.1735, 0.1445
Android (android.graphics.Color)	4278212799 (0xFF0058BF)
YUV	73.4300, 57.9620, -64.3981
Hunter-Lab	32.7735, 12.8715, -68.7498

Details

The Android color `4278212799` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4290733824`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4284516856`, and `4278201481` is the 20% darker color. If you saturate the color by 10%, you get `4278212799`, and if you desaturate by 10%, it is `4279460543`.

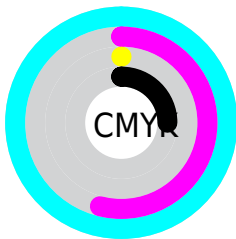
Distribution



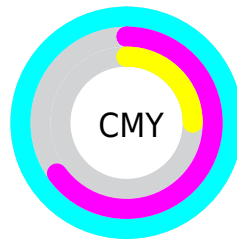
- Red (0%)
- Green (35%)
- Blue (75%)



- Red (0%)
- Yellow (24%)
- Blue (75%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212799 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 4278212799 by changing the saturation by 10% instead.

 4278212799

 4278212799

4294967295

 4278206883

 4284516856

 4278201481

 4286555135

 4278196590

 4288528127

 4278190165

 4290566911

 4278191677

 4292540159

 4278190886

 4294574079

 4278190351

 4278190080

 4278212799

■ 4279460543

■ 4280708543

■ 4281956287

■ 4283204031

■ 4284517567

■ 4285765311

■ 4287013055

■ 4288260799

■ 4289508799

Harmonies

Analogous

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



4278217153



4278212799



4286791074

Triad

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



4278212799



4288887052



4278219077

Complementary

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



4278212799



4290733824

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.



4278217735



4278212799



4286730752

Square

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



4278212799



4289993024



4283720448



4278219386

Rectangle

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



4278212799



4288817028



4283720448



4278218803

Sweetspot

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



4278212799



4289581047



4278239078



4283458941



4294769916



4286414205

Same Dimension

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



4278212799



4278219511



4278583487



4283783518



4278208926



4278193695

Inverse Universe

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



4290707544



4294377586



4290363136



4284372313



4288544841



4280221710

Previews

White Background



This preview shows how the Android color 4278212799 looks on a white background.

Color Contrast Check

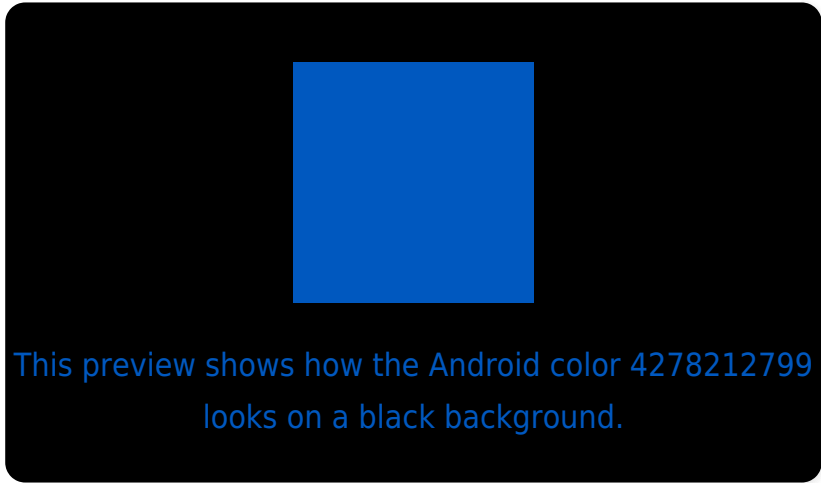
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212799 Background



This preview shows how black text looks on a background with the Android color 4278212799.



This preview shows how white text looks on a background with the Android color 4278212799.

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
4278212799

Protanopia
4278213053

Deuteranopia
4278214307

Trichromacy



Original Color

4278212799

Protanomaly

4278213054

Deuteranomaly

4278213805

Tritanomaly

4278215051

Monochromacy



Original Color

4278212799

Achromatopsia

4282992969

Achromatomaly

4281224820

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212799 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, 88, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 191)  
}
```

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, 88, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 191) }
```

Border

The CSS property to change the border of an element to Android 4278212799 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, 88, 191) }
```

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

```
.border{ border-color:rgb(0, 88, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 191)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 191) }
```

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

```
.background{ background-color: rgb(0, 88,  
191) }
```

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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