

Converting Colors

Android(4278212794)

Have a look what the booklet for
Android(4278212794) contains.

Android(4278212794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278212794)

Conversions

Conversions Part 1

Format	Color
Hex	0058BA
RGB	0, 88, 186
RGB Percent	0%, 35%, 73%
CMY	1.0000, 0.6549, 0.2706
CMYK	1.00, 0.53, 0.00, 0.27
HSL	212°, 100%, 36%
HSV	212°, 100%, 73%
XYZ	12.3526, 10.5246, 47.8348
YIQ	72.8600, -83.9060, 11.8220

Conversions

Conversions Part 2

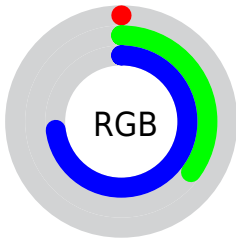
Format	Color
R _{YB}	0, 60, 186
Decimal	22714
CIE _{Lab}	38.77, 17.20, -57.61
CIE _{LCh}	39, 60.124, 286.620
Y _{xy}	10.5246, 0.1747, 0.1488
Android (android.graphics.Color)	4278212794 (0xFF0058BA)
YUV	72.8600, 55.7780, -63.8982
Hunter-Lab	32.4417, 11.1936, -64.7131

Details

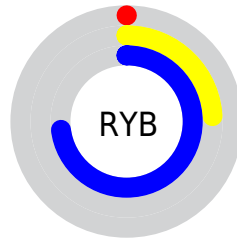
The Android color `4278212794` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290404864`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284385779`, and `4278201476` is the 20% darker color. If you saturate the color by 10%, you get `4278212794`, and if you desaturate by 10%, it is `4279460538`.

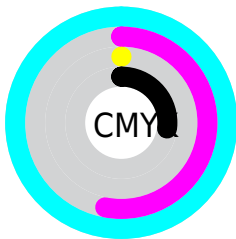
Distribution



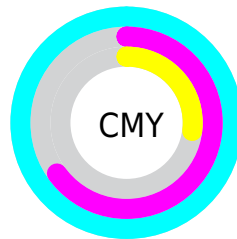
- Red (0%)
- Green (35%)
- Blue (73%)



- Red (0%)
- Yellow (24%)
- Blue (73%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (65%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212794 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 4278212794 by changing the saturation by 10% instead.

 4278212794

 4278212794

4294967295

 4278206879

 4284385779

 4278201476

 4286424063

 4278196586

 4288397055

 4278190417

 4290435839

 4278191417

 4292409087

 4278190627

 4294377471

 4278190089

 4278190080

 4278212794

■ 4279460538

■ 4280642746

■ 4281890234

■ 4283072442

■ 4284320186

■ 4285567930

■ 4286750138

■ 4287997626

■ 4289179834

Harmonies

Analogous

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



4278216635



4278212794



4286463903

Triad

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



4278212794



4288755987



4278218563

Complementary

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



4278212794



4290404864

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.



4278938378



4278212794



4286664960

Square

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



4278212794



4289666883



4283851008



4278218870

Rectangle

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



4278212794



4288425091



4283851008



4278218290

Sweetspot

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



4278212794



4289383666



4278237792



4283327354



4294638330



4286216826

Same Dimension

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



4278212794



4278219762



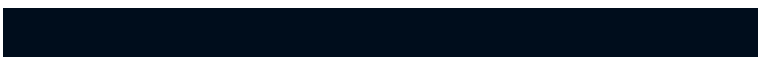
4278386874



4283651932



4278209180



4278193436

Inverse Universe

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



4290379864



4294049907



4290230784



4284240727



4288413770



4280025101

Previews

White Background



This preview shows how the Android color 4278212794 looks on a white background.

Color Contrast Check

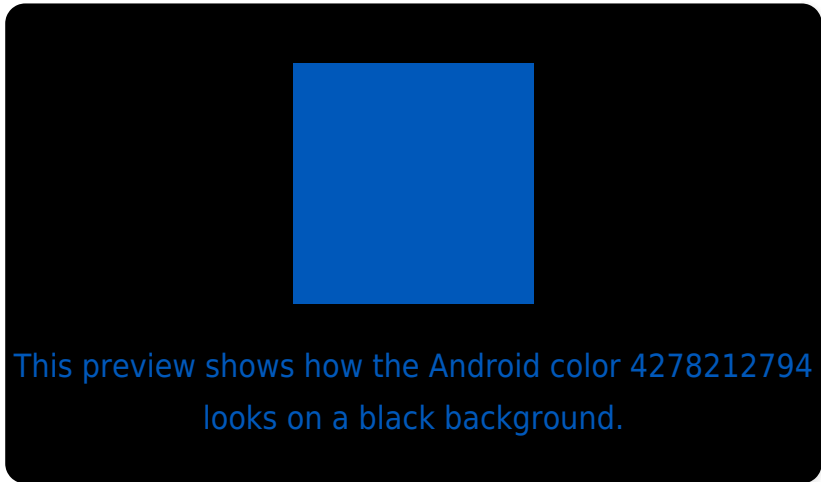
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212794 Background



This preview shows how black text looks on a background with the Android color 4278212794.



This preview shows how white text looks on a background with the Android color 4278212794.

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

4278212794

Protanopia

4279195834

Deuteranopia

4278214049

Trichromacy



Original Color
4278212794

Protanomaly
4278868154

Deuteranomaly
4278213546

Tritanomaly
4278214792

Monochromacy



Original Color
4278212794

Achromatopsia
4282992969

Achromatomaly
4281224818

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212794 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 186) }
```

Border

The CSS property to change the border of an element to Android 4278212794 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, 186) }
```

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

```
.border{ border-color:rgb(0, 88, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 186)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212794 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, 186) }
```

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

```
.background{ background-color: rgb(0, 88,  
186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor