

Converting Colors

Android(4278209694)

Have a look what the booklet for
Android(4278209694) contains.

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Color

Android(4278209694)

Conversions

Conversions Part 1

Format	Color
Hex	004C9E
RGB	0, 76, 158
RGB Percent	0%, 30%, 62%
CMY	1.0000, 0.7020, 0.3804
CMYK	1.00, 0.52, 0.00, 0.38
HSL	211°, 100%, 31%
HSV	211°, 100%, 62%
XYZ	8.7560, 7.6375, 33.3604
YIQ	62.6240, -71.6180, 9.3900

Conversions

Conversions Part 2

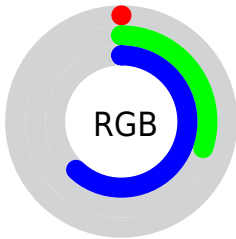
Format	Color
RYB	0, 51, 158
Decimal	19614
CIELab	33.22, 13.68, -49.97
CIELCh	33, 51.813, 285.308
Yxy	7.6375, 0.1760, 0.1535
Android (android.graphics.Color)	4278209694 (0xFF004C9E)
YUV	62.6240, 47.0204, -54.9212
Hunter-Lab	27.6360, 8.1916, -52.2259

Details

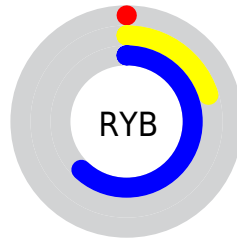
The Android color `4278209694` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4288565760`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4283858133`, and `4278198890` is the 20% darker color. If you saturate the color by 10%, you get `4278209694`, and if you desaturate by 10%, it is `4279260318`.

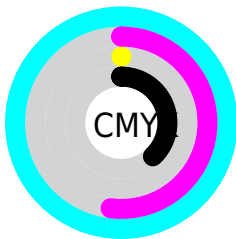
Distribution



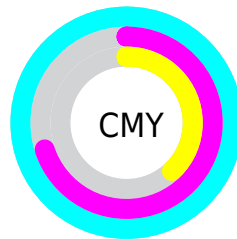
- Red (0%)
- Green (30%)
- Blue (62%)



- Red (0%)
- Yellow (20%)
- Blue (62%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (70%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278209694 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 4278209694 by changing the saturation by 10% instead.

 4278209694

 4278209694

4294967295

 4278204035

 4283858133

 4278198890

 4285830898


 4278192977

 4287738111

 4278191417

 4289645823

 4278190627

 4291553535

 4278190089

 4293525503

 4278190080

 4278209694

 4279260318

■ 4280310942

■ 4281296286

■ 4282346910

■ 4283397534

■ 4284448158

■ 4285498782

■ 4286484126

■ 4287534750

Harmonies

Analogous

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



4278213022



4278209694



4285085832

Triad

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



4278209694



4287246612



4278214456

Complementary

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



4278209694



4288565760

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.



4279589642



4278209694



4285547776

Square

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



4278209694



4287962427



4283192064



4278214755

Rectangle

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



4278209694



4286851441



4283192064



4278214185

Sweetspot

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



4278209694



4287737551



4278230610



4282602857



4293454056



4285098345

Same Dimension

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



4278209694



4278215631



4278386846



4282862415



4278207887



4278191887

Inverse Universe

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



4288544844



4291756131



4288388608



4283385675



4287561797



4279173127

Previews

White Background



This preview shows how the Android color 4278209694 looks on a white background.

Color Contrast Check

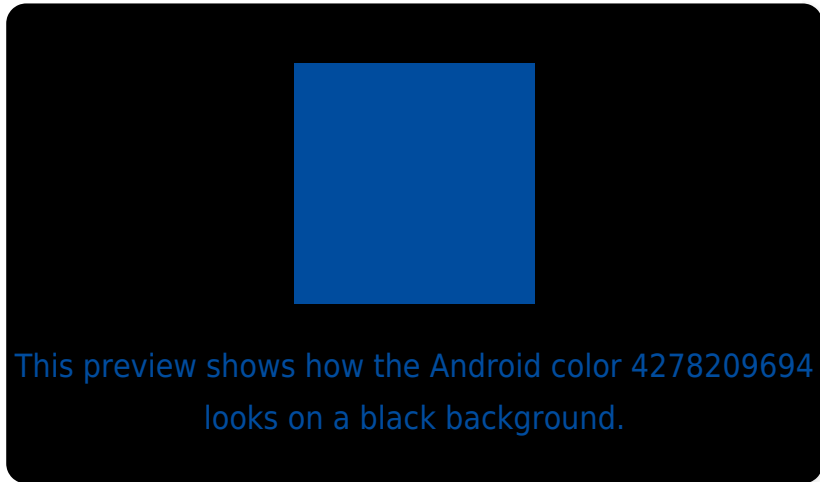
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278209694 Background



This preview shows how black text looks on a background with the Android color 4278209694.



This preview shows how white text looks on a background with the Android color 4278209694.

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

4278209694

Protanopia

4279585693

Deuteranopia

4278210699

Trichromacy



Original Color

4278209694

Protanomaly

4279061405

Deuteranomaly

4278210450

Tritanomaly

4278211445

Monochromacy



Original Color

4278209694

Achromatopsia

4282335039

Achromatomaly

4280829026

CSS Examples

Text

The CSS property to change the color of the text to Android 4278209694 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, 76, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 158)  
}
```

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, 76, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 158) }
```

Border

The CSS property to change the border of an element to Android 4278209694 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, 76, 158) }
```

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

```
.border{ border-color:rgb(0, 76, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 158)  
}
```

Background

The CSS property to change the background color of an element to Android 4278209694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 158) }
```

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

```
.background{ background-color: rgb(0, 76,  
158) }
```

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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