

Converting Colors

Android(4280093694)

Have a look what the booklet for
Android(4280093694) contains.

Android(4280093694)	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(4280093694)

Conversions

Conversions Part 1

Format	Color
Hex	1D0BFE
RGB	29, 11, 254
RGB Percent	11%, 4%, 100%
CMY	0.8863, 0.9569, 0.0039
CMYK	0.89, 0.96, 0.00, 0.00
HSL	244°, 99%, 52%
HSV	244°, 96%, 100%
XYZ	18.5158, 7.6563, 94.2679
YIQ	44.0840, -67.2750, 79.3890

Conversions

Conversions Part 2

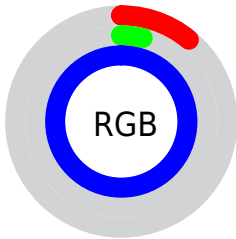
Format	Color
RYB	29, 11, 254
Decimal	1903614
CIELab	33.26, 77.54, -105.69
CIElCh	33, 131.083, 306.263
Yxy	7.6563, 0.1537, 0.0636
Android (android.graphics.Color)	4280093694 (0xFF1D0BFE)
YUV	44.0840, 103.4886, -13.2287
Hunter-Lab	27.6700, 71.0230, -182.6235

Details

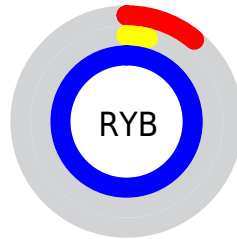
The Android color `4280093694` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark saturated blue. A complement of this color would be `4293721611`, and the grayscale version is `4281019179`.

A 20% lighter version of the original color is `4286467327`, and `4278190275` is the 20% darker color. If you saturate the color by 10%, you get `4279435518`, and if you desaturate by 10%, it is `4281672958`.

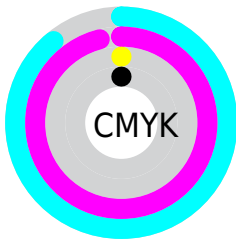
Distribution



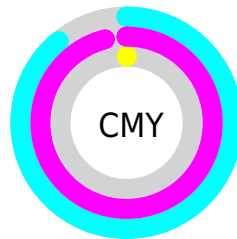
- Red (11%)
- Green (4%)
- Blue (100%)



- Red (11%)
- Yellow (4%)
- Blue (100%)



- Cyan (89%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)





















- Cyan (89%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280093694 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 4280093694 by changing the saturation by 10% instead.

 4280093694	 4280093694
4294967295	 4278190304
 4286467327	 4278190275
 4288767999	 4278190247
 4291003391	 4278190219
 4293172991	 4278194289
 4294949887	 4278193239
 4294957311	 4278191679
 4294964735	 4278190888
	 4278190353

■ 4280093694

■ 4280093694

■ 4279435518

■ 4281672958

■ 4283186942

■ 4284766206

■ 4286280190

■ 4287859454

■ 4289373182

■ 4290952702

■ 4292466430

■ 4294045950

Harmonies

Analogous

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



4278214655



4280093694



4291625125

Triad

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



4280093694



4288549632



4278217571

Complementary

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



4280093694



4293721611

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.



4278216704



4280093694



4283257600

Square

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



4280093694



4292214784



4278215424



4278218700

Rectangle

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



4280093694



4293525601



4278215424



4278217278

Sweetspot

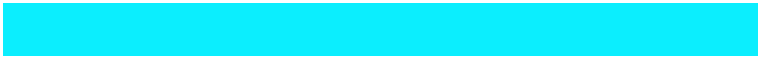
The Sweet Spot groups the original color and five complimentary colors.



4280093694



4290491903



4278972158



4283847552



4278190080



4286611584

Same Dimension

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



4280093694



4279435519



4287958014



4285821824



4279107775



4278517824

Inverse Universe

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



4294839276



4294901996



4285857291



4286608255



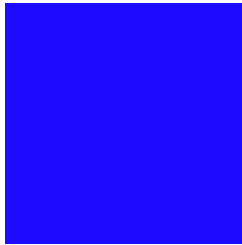
4290707633



4282384443

Previews

White Background



This preview shows how the Android color 4280093694 looks on a white background.

Color Contrast Check

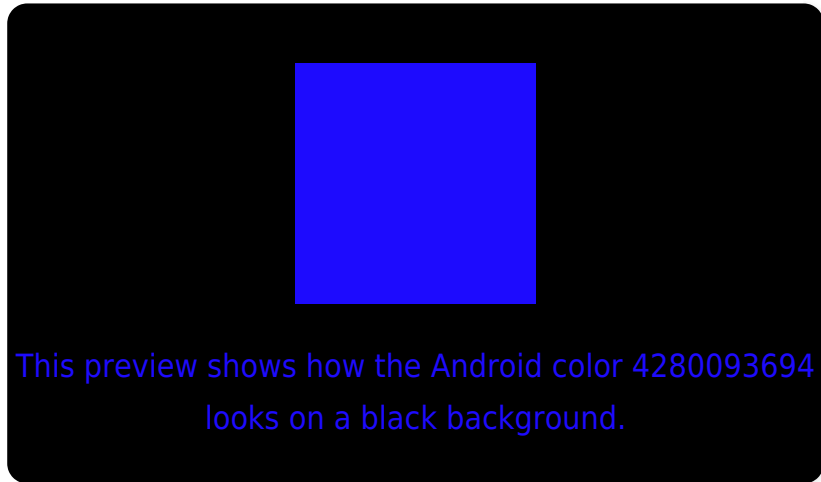
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280093694 Background



This preview shows how black text looks on a background with the Android color 4280093694.



This preview shows how white text looks on a background with the Android color 4280093694.

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
4280093694

Protanopia
4278209438

Deuteranopia
4278210950

Trichromacy



Original Color
4280093694

Protanomaly
4278924481

Deuteranomaly
4278925490

Tritanomaly
4278926230

Monochromacy



Original Color
4280093694

Achromatopsia
4281084972

Achromatomaly
4280754296

CSS Examples

Text

The CSS property to change the color of the text to Android 4280093694 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(29, 11, 254)` looks like.

```
.text, #text, p{  
    color:rgb(29, 11, 254)  
}
```

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(29, 11, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 11, 254) }
```

Border

The CSS property to change the border of an element to Android 4280093694 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(29, 11, 254) }
```

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

```
.border{ border-color:rgb(29, 11, 254) }
```

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

Here you see how a box with a 4 pixel rgb(29, 11, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 11, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 11, 254);  
box-shadow:4px 4px 4px 4px rgb(29, 11,  
254) }
```

Background

The CSS property to change the background color of an element to Android 4280093694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 11, 254) }
```

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

```
.background{ background-color: rgb(29, 11,  
254) }
```

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