

Converting Colors

Android(4280090759)

Have a look what the booklet for
Android(4280090759) contains.

Android(4280090759)	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(4280090759)

Conversions

Conversions Part 1

Format	Color
Hex	1D0087
RGB	29, 0, 135
RGB Percent	11%, 0%, 53%
CMY	0.8863, 1.0000, 0.4706
CMYK	0.79, 1.00, 0.00, 0.47
HSL	253°, 100%, 26%
HSV	253°, 100%, 53%
XYZ	4.8799, 2.0105, 23.0525
YIQ	24.0610, -26.0510, 48.1330

Conversions

Conversions Part 2

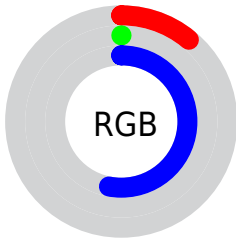
Format	Color
RYB	29, 0, 135
Decimal	1900679
CIELab	15.54, 49.88, -64.82
CIELCh	16, 81.788, 307.578
Yxy	2.0105, 0.1630, 0.0671
Android (android.graphics.Color)	4280090759 (0xFF1D0087)
YUV	24.0610, 54.6929, 4.3315
Hunter-Lab	14.1791, 36.6188, -86.4686

Details

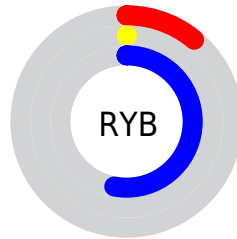
The Android color **4280090759** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4285171456**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4284430014**, and **4278190164** is the 20% darker color. If you saturate the color by 10%, you get **4280090759**, and if you desaturate by 10%, it is **4280814983**.

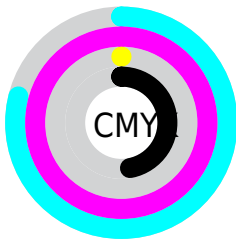
Distribution



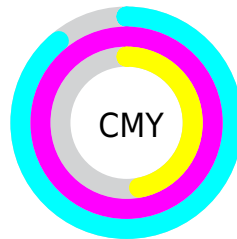
- Red (11%)
- Green (0%)
- Blue (53%)



- Red (11%)
- Yellow (0%)
- Blue (53%)



- Cyan (79%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280090759 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 4280090759 by changing the saturation by 10% instead.

 4280090759

 4280090759

 4294963711

 4278190189

 4284430014

 4278190164

 4286336986

 4278191675

 4288243959

 4278190629

 4290216703

 4278190349

 4292124159

 4278190080

 4294097407

 4294956543

 4280090759

■ 4280814983

■ 4281473927

■ 4282198407

■ 4282857095

■ 4283581575

■ 4284305799

■ 4284964487

■ 4285688967

■ 4286347911

Harmonies

Analogous

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



4278202273



4280090759



4285464661

Triad

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



4280090759



4283566848



4278204469

Complementary

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



4280090759



4285171456

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.



4278204160



4280090759



4280560128

Square

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



4280090759



4285661184



4278203136



4278205295

Rectangle

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



4280090759



4286447663



4278203136



4278204193

Sweetspot

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



4280090759



4287069104



4278217863



4282399065



4292467161



4284045657

Same Dimension

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



4280090759



4280680624



4284416135



4282203202



4280025218



4278255619

Inverse Universe

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



4287037546



4289724554



4280911616



4282530881



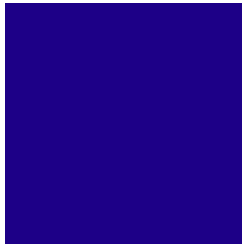
4286709862



4278386690

Previews

White Background



This preview shows how the Android color 4280090759 looks on a white background.

Color Contrast Check

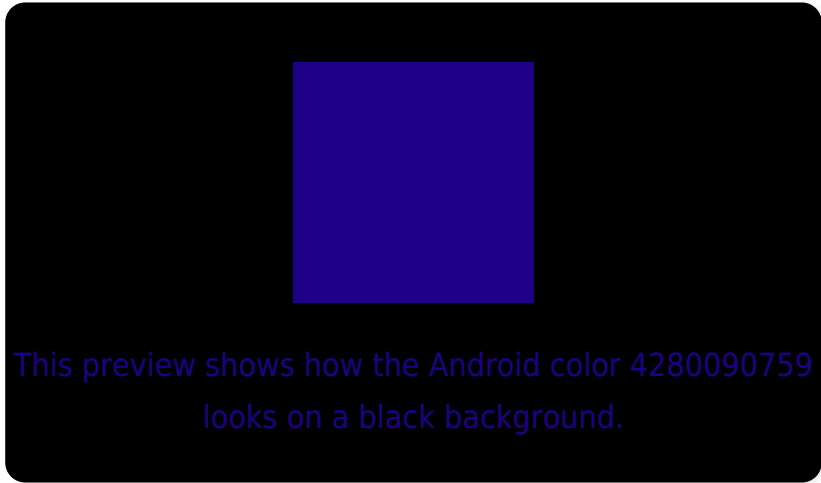
Large Text (above 18pt) WCAG AA ✓ Pass

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

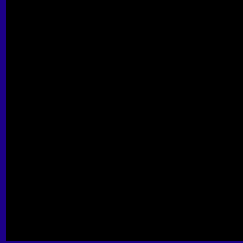
Any Text WCAG AA × Fail

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 4280090759 Background



This preview shows how black text looks on a background with the Android color 4280090759.



This preview shows how white text looks on a background with the Android color 4280090759.

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
4280090759

Protanopia
4278200663

Deuteranopia
4278201417

Trichromacy



Original Color
4280090759

Protanomaly
4278917736

Deuteranomaly
4278918240

Tritanomaly
4278918737

Monochromacy



Original Color
4280090759

Achromatopsia
4279769112

Achromatomaly
4279897920

CSS Examples

Text

The CSS property to change the color of the text to Android 4280090759 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, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(29, 0, 135)  
}
```

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, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 0, 135) }
```

Border

The CSS property to change the border of an element to Android 4280090759 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, 0, 135) }
```

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

```
.border{ border-color:rgb(29, 0, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 0, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(29, 0, 135)  
}
```

Background

The CSS property to change the background color of an element to Android 4280090759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 0, 135) }
```

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

```
.background{ background-color: rgb(29, 0,  
135) }
```

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