

Converting Colors

Android(4279649711)

Have a look what the booklet for
Android(4279649711) contains.

Android(4279649711)	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>	28

Color

Android(4279649711)

Conversions

Conversions Part 1

Format	Color
Hex	1645AF
RGB	22, 69, 175
RGB Percent	9%, 27%, 69%
CMY	0.9137, 0.7294, 0.3137
CMYK	0.87, 0.61, 0.00, 0.31
HSL	222°, 78%, 39%
HSV	222°, 87%, 69%
XYZ	10.1969, 7.5220, 41.4719
YIQ	67.0310, -62.0380, 23.0020

Conversions

Conversions Part 2

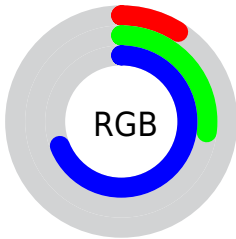
Format	Color
R _Y B	22, 58, 175
Decimal	1459631
CIE Lab	32.97, 26.52, -60.55
CIE LCh	33, 66.102, 293.651
Yxy	7.5220, 0.1723, 0.1271
Android (android.graphics.Color)	4279649711 (0xFF1645AF)
YUV	67.0310, 53.2287, -39.4922
Hunter-Lab	27.4262, 18.3692, -70.4557

Details

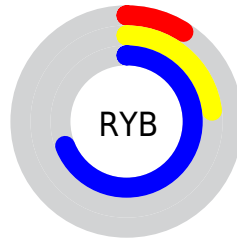
The Android color `4279649711` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289691670`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4284642791`, and `4278197113` is the 20% darker color. If you saturate the color by 10%, you get `4278532527`, and if you desaturate by 10%, it is `4280832431`.

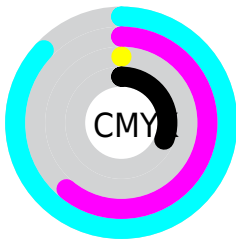
Distribution



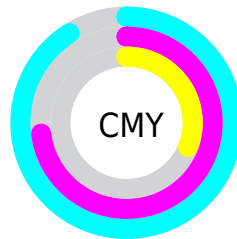
- Red (9%)
- Green (27%)
- Blue (69%)



- Red (9%)
- Yellow (23%)
- Blue (69%)



- Cyan (87%)
- Magenta (61%)
- Yellow (0%)
- Black (31%)



- Cyan (91%)
- Magenta (73%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279649711 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 4279649711 by changing the saturation by 10% instead.

 4279649711

 4279649711

4294967295

 4278202260

 4284642791

 4278197113

 4286615295

 4278191456

 4288588031

 4278192199

 4290495743

 4278191152

 4292468735

 4278190362

 4294507775

 4278190080

 4279649711

 4279649711

 4278532527

 4280832431

■ 4278204079

■ 4281949615

■ 4283132335

■ 4284249519

■ 4285432495

■ 4286549679

■ 4287732399

■ 4288849583

■ 4290032303

Harmonies

Analogous

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



4278212791



4279649711



4286521996

Triad

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



4279649711



4287507712



4278215232

Complementary

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



4279649711



4289691670

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.



4278214144



4279649711



4285089792

Square

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



4279649711



4288872488



4281882368



4278215542

Rectangle

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



4279649711



4288217196



4281882368



4278214958

Sweetspot

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



4279649711



4289247971



4279676799



4283390579



4294111986



4285756275

Same Dimension

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



4279649711



4278208227



4281472687



4283322711



4278202006



4278191895

Inverse Universe

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



4289664581



4293066822



4287868694



4283911761



4288020526



4279697415

Previews

White Background



This preview shows how the Android color 4279649711 looks on a white background.

Color Contrast Check

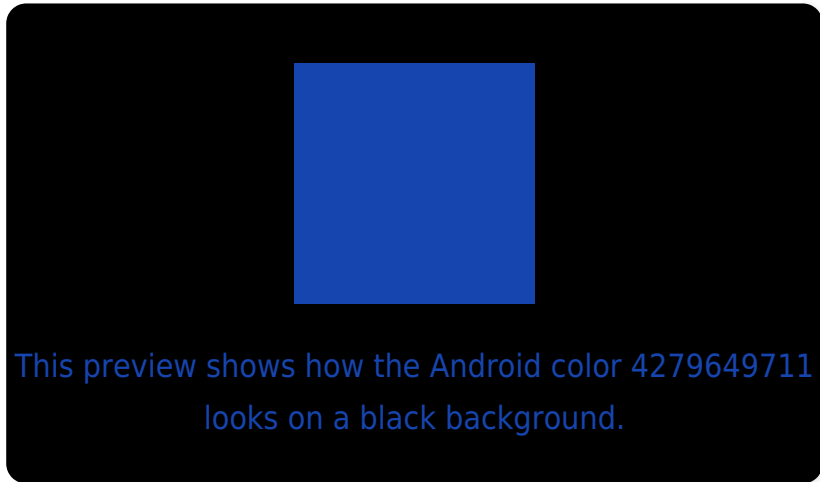
Large Text (above 18pt) WCAG AA ✓ Pass

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

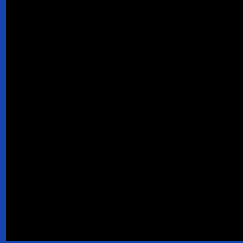
Any Text WCAG AA × Fail

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 4279649711 Background



This preview shows how black text looks on a background with the Android color 4279649711.



This preview shows how white text looks on a background with the Android color 4279649711.

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



Trichromacy



Original Color
4279649711

Deuteranomaly
4278733718

Tritanomaly
4278734970

Monochromacy



Original Color
4279649711

Achromatopsia
4282598211

Achromatomaly
4281549930

CSS Examples

Text

The CSS property to change the color of the text to Android 4279649711 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(22, 69, 175)` looks like.

```
.text, #text, p{  
    color:rgb(22, 69, 175)  
}
```

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(22, 69, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 69, 175) }
```

Border

The CSS property to change the border of an element to Android 4279649711 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(22, 69, 175) }
```

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

```
.border{ border-color:rgb(22, 69, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 69, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 69, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 69, 175);  
box-shadow:4px 4px 4px 4px rgb(22, 69,  
175) }
```

Background

The CSS property to change the background color of an element to Android 4279649711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 69, 175) }
```

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

```
.background{ background-color: rgb(22, 69,  
175) }
```

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