

Converting Colors

Android(4280499967)

Have a look what the booklet for
Android(4280499967) contains.

Android(4280499967)	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(4280499967)

Conversions

Conversions Part 1

Format	Color
Hex	233EFF
RGB	35, 62, 255
RGB Percent	14%, 24%, 100%
CMY	0.8627, 0.7569, 0.0000
CMYK	0.86, 0.76, 0.00, 0.00
HSL	233°, 100%, 57%
HSV	233°, 86%, 100%
XYZ	20.4658, 11.0226, 95.6566
YIQ	75.9290, -78.0450, 54.2990

Conversions

Conversions Part 2

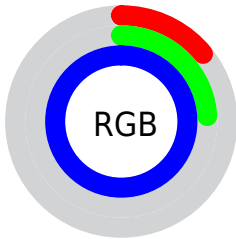
Format	Color
R _Y B	35, 59, 255
Decimal	2309887
CIE Lab	39.62, 59.95, -95.66
CIE LCh	40, 112.890, 302.077
Yxy	11.0226, 0.1610, 0.0867
Android (android.graphics.Color)	4280499967 (0xFF233EFF)
YUV	75.9290, 88.2820, -35.8947
Hunter-Lab	33.2003, 51.9330, -147.5863

Details

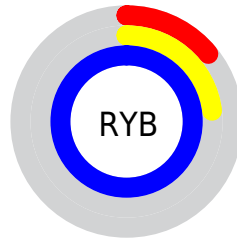
The Android color `4280499967` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4294960163`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4286411007`, and `4278193861` is the 20% darker color. If you saturate the color by 10%, you get `4278790399`, and if you desaturate by 10%, it is `4282143999`.

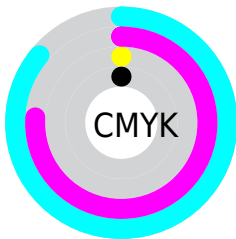
Distribution



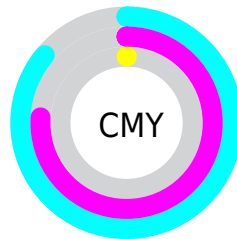
- Red (14%)
- Green (24%)
- Blue (100%)



- Red (14%)
- Yellow (23%)
- Blue (100%)



- Cyan (86%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280499967 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 4280499967 by changing the saturation by 10% instead.

 4280499967

 4280499967

4294967295

 4278200033

 4286411007

 4278193861

 4288711423

 4278190248

 4290881023

 4278190221

 4292985087

 4278192754

 4294958591

 4278193496

 4294965759

 4278191936

 4278190889

 4278190355

■ 4280499967

■ 4280499967

■ 4278790399

■ 4282143999

■ 4278198271

■ 4283853823

■ 4285497855

■ 4287207423

■ 4288917247

■ 4290561279

■ 4292205567

■ 4293915135

4294967295

Harmonies

Analogous

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



4278217983



4280499967



4291231926

Triad

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



4280499967



4289865984



4278221666

Complementary

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



4280499967



4294960163

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.



4278220800



4280499967



4285357312

Square

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



4280499967



4293001216



4278219008



4278222271

Rectangle

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



4280499967



4293394554



4278219008



4278221377

Sweetspot

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



4280499967



4290627071



4280549346



4283981184



4278190080



4286611584

Same Dimension

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



4280499967



4278198271



4285801471



4285756544



4278196159



4278192192

Inverse Universe

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



4294910782



4294901791



4289658659



4286608244



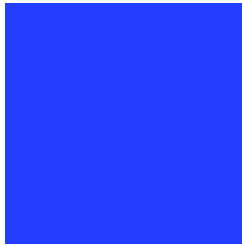
4290707479



4282384392

Previews

White Background



This preview shows how the Android color 4280499967 looks on a white background.

Color Contrast Check

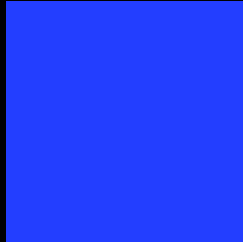
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4280499967 looks on a 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 4280499967 Background



This preview shows how black text looks on a background with the Android color 4280499967.



This preview shows how white text looks on a background with the Android color 4280499967.

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
4280499967

Protanopia
4278213051

Deuteranopia
4278214559

Trichromacy



Original Color
4280499967

Protanomaly
4279062484

Deuteranomaly
4279063490

Tritanomaly
4279064481

Monochromacy



Original Color
4280499967

Achromatopsia
4283190348

Achromatomaly
4282206093

CSS Examples

Text

The CSS property to change the color of the text to Android 4280499967 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(35, 62, 255)` looks like.

```
.text, #text, p{  
    color:rgb(35, 62, 255)  
}
```

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(35, 62, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 62, 255) }
```

Border

The CSS property to change the border of an element to Android 4280499967 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(35, 62, 255) }
```

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

```
.border{ border-color:rgb(35, 62, 255) }
```

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

Here you see how a box with a 4 pixel rgb(35, 62, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 62, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 62, 255);  
box-shadow:4px 4px 4px 4px rgb(35, 62,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280499967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 62, 255) }
```

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

```
.background{ background-color: rgb(35, 62,  
255) }
```

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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