

Converting Colors

Android(4280435447)

Have a look what the booklet for
Android(4280435447) contains.

Android(4280435447)	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(4280435447)

Conversions

Conversions Part 1

Format	Color
Hex	2242F7
RGB	34, 66, 247
RGB Percent	13%, 26%, 97%
CMY	0.8667, 0.7412, 0.0314
CMYK	0.86, 0.73, 0.00, 0.03
HSL	231°, 93%, 55%
HSV	231°, 86%, 97%
XYZ	19.3964, 10.9519, 89.0873
YIQ	77.0660, -77.1730, 49.5070

Conversions

Conversions Part 2

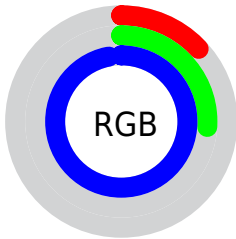
Format	Color
R _Y B	34, 62, 247
Decimal	2245367
CIE Lab	39.50, 55.15, -91.37
CIE LCh	39, 106.726, 301.115
Yxy	10.9519, 0.1624, 0.0917
Android (android.graphics.Color)	4280435447 (0xFF2242F7)
YUV	77.0660, 83.7775, -37.7689
Hunter-Lab	33.0937, 46.7060, -136.4416

Details

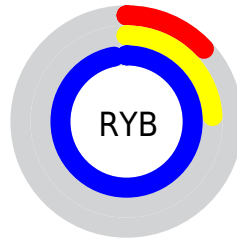
The Android color `4280435447` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4294432546`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4286280703`, and `4278195645` is the 20% darker color. If you saturate the color by 10%, you get `4278791671`, and if you desaturate by 10%, it is `4282079223`.

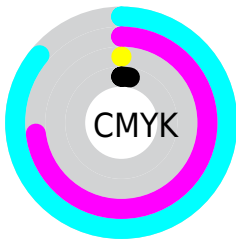
Distribution



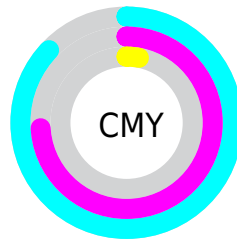
- Red (13%)
- Green (26%)
- Blue (97%)



- Red (13%)
- Yellow (24%)
- Blue (97%)



- Cyan (86%)
- Magenta (73%)
- Yellow (0%)
- Black (3%)



- Cyan (87%)
- Magenta (74%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280435447 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 4280435447 by changing the saturation by 10% instead.

 4280435447

 4280435447

4294967295

 4278201306

 4286280703

 4278195645

 4288450047

 4278191009

 4290619647

 4278190214

 4292723967

 4278193003

 4294828287

 4278192978

4294966783

 4278191418

 4278190627

 4278190090

■ 4280435447

■ 4280435447

■ 4278791671

■ 4282079223

■ 4278199799

■ 4283657463

■ 4285301239

■ 4286945015

■ 4288523255

■ 4290167031

■ 4291810807

■ 4293454583

■ 4294967287

Harmonies

Analogous

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



4278217983



4280435447



4290707635

Triad

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



4280435447



4289800960



4278221406

Complementary

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



4280435447



4294432546

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.



4278220544



4280435447



4285488128

Square

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



4280435447



4292608008



4278218496



4278222007

Rectangle

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



4280435447



4292870267



4278218496



4278221119

Sweetspot

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



4280435447



4290627583



4280481747



4283981440



4278190080



4286611584

Same Dimension

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



4280435447



4278200063



4285080311



4285427834



4278197434



4278192443

Inverse Universe

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



4294386242



4294901798



4289787682



4286213744



4290379804



4282056713

Previews

White Background



This preview shows how the Android color 4280435447 looks on a white background.

Color Contrast Check

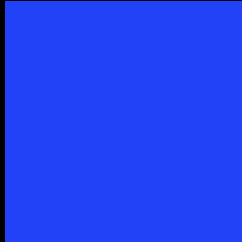
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280435447 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 4280435447 Background



This preview shows how black text looks on a background with the Android color 4280435447.



This preview shows how white text looks on a background with the Android color 4280435447.

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
4280435447

Protanopia
4278213051

Deuteranopia
4278214559

Trichromacy



Original Color

4280435447

Protanomaly

4278997457

Deuteranomaly

4278998207

Tritanomaly

4278999455

Monochromacy



Original Color

4280435447

Achromatopsia

4283256141

Achromatomaly

4282206603

CSS Examples

Text

The CSS property to change the color of the text to Android 4280435447 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(34, 66, 247)` looks like.

```
.text, #text, p{  
    color:rgb(34, 66, 247)  
}
```

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(34, 66, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 66, 247) }
```

Border

The CSS property to change the border of an element to Android 4280435447 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(34, 66, 247) }
```

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

```
.border{ border-color:rgb(34, 66, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 66, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 66, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 66, 247);  
box-shadow:4px 4px 4px 4px rgb(34, 66,  
247) }
```

Background

The CSS property to change the background color of an element to Android 4280435447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 66, 247) }
```

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

```
.background{ background-color: rgb(34, 66,  
247) }
```

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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