

Converting Colors

Android(4282077945)

Have a look what the booklet for
Android(4282077945) contains.

Android(4282077945)	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(4282077945)

Conversions

Conversions Part 1

Format	Color
Hex	3B52F9
RGB	59, 82, 249
RGB Percent	23%, 32%, 98%
CMY	0.7686, 0.6784, 0.0235
CMYK	0.76, 0.67, 0.00, 0.02
HSL	233°, 94%, 60%
HSV	233°, 76%, 98%
XYZ	21.9198, 13.8039, 91.1317
YIQ	94.1610, -67.3150, 47.0610

Conversions

Conversions Part 2

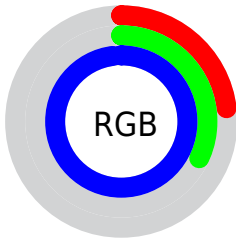
Format	Color
R_{YB}	59, 80, 249
Decimal	3887865
CIE _{Lab}	43.95, 48.21, -85.12
CIE _{LCh}	44, 97.825, 299.529
Yxy	13.8039, 0.1728, 0.1088
Android (android.graphics.Color)	4282077945 (0xFF3B52F9)
YUV	94.1610, 76.3356, -30.8362
Hunter-Lab	37.1537, 40.2920, -119.4208

Details


The Android color `4282077945` is a dark color, and the websafe version is hex `6666FF`. The color can be described as dark washed blue. A complement of this color would be `4294566459`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4287005951`, and `4278199743` is the 20% darker color. If you saturate the color by 10%, you get `4280433913`, and if you desaturate by 10%, it is `4283721977`.

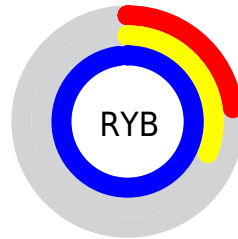
Distribution



 Red (23%)

 Green (32%)

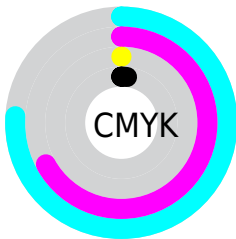
 Blue (98%)




 Red (23%)

 Yellow (31%)

 Blue (98%)

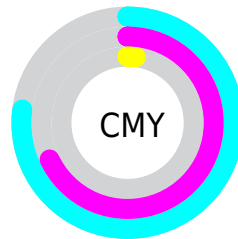


 Cyan (76%)

 Magenta (67%)

 Yellow (0%)

 Black (2%)



 Cyan (77%)

 Magenta (68%)

 Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282077945 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 4282077945 by changing the saturation by 10% instead.



4282077945



4282077945

4294967295



4278205404



4287005951



4278199743



4289175295



4278194595



4291213823



4278190216



4293318143



4278190957



4294963967



4278192980



4278191676



4278190629



4278190350

■ 4282077945

■ 4282077945

■ 4280433913

■ 4283721977

■ 4278789881

■ 4285366009

■ 4278198009

■ 4287010041

■ 4288654073

■ 4290232313

■ 4291876345

■ 4293520377

■ 4294967289

Harmonies

Analogous

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



4278220287



4282077945



4290904252

Triad

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



4282077945



4290591488



4278224229

Complementary

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



4282077945



4294566459

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.



4278223104



4282077945



4286604544

Square

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



4282077945



4293132318



4280514816



4278224567

Rectangle

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



4282077945



4293066888



4280514816



4278223943

Sweetspot

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



4282077945



4291087359



4282120672



4284244096



4278190080



4286611584

Same Dimension

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



4282077945



4279513599



4286659577



4285559421



4278196157



4278191933

Inverse Universe

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



4294523730



4294906929



4289984827



4286410866



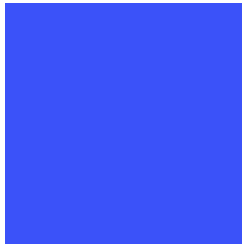
4290576407



4282187783

Previews

White Background



This preview shows how the Android color 4282077945 looks on a white background.

Color Contrast Check

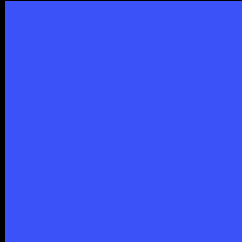
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282077945 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 4282077945 Background



This preview shows how black text looks on a background with the Android color 4282077945.



This preview shows how white text looks on a background with the Android color 4282077945.

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
4282077945

Protanopia
4278215633

Deuteranopia
4278217395

Trichromacy



Original Color
4282077945

Protanomaly
4279590368

Deuteranomaly
4279591372

Tritanomaly
4279592616

Monochromacy



Original Color
4282077945

Achromatopsia
4284374622

Achromatomaly
4283521686

CSS Examples

Text

The CSS property to change the color of the text to Android 4282077945 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(59, 82, 249)` looks like.

```
.text, #text, p{  
    color:rgb(59, 82, 249)  
}
```

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(59, 82, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 82, 249) }
```

Border

The CSS property to change the border of an element to Android 4282077945 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(59, 82, 249) }
```

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

```
.border{ border-color:rgb(59, 82, 249) }
```

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

Here you see how a box with a 4 pixel rgb(59, 82, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 82, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 82, 249);  
box-shadow:4px 4px 4px 4px rgb(59, 82,  
249) }
```

Background

The CSS property to change the background color of an element to Android 4282077945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 82, 249) }
```

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

```
.background{ background-color: rgb(59, 82,  
249) }
```

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