

Converting Colors

Android(4279577272)

Have a look what the booklet for
Android(4279577272) contains.

Android(4279577272)	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(4279577272)

Conversions

Conversions Part 1

Format	Color
Hex	152AB8
RGB	21, 42, 184
RGB Percent	8%, 16%, 72%
CMY	0.9176, 0.8353, 0.2784
CMYK	0.89, 0.77, 0.00, 0.28
HSL	232°, 80%, 40%
HSV	232°, 89%, 72%
XYZ	9.7890, 5.2760, 45.8498
YIQ	51.9090, -58.0980, 39.7100

Conversions

Conversions Part 2

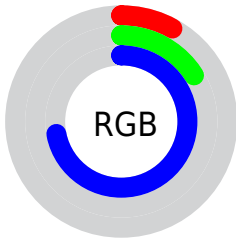
Format	Color
RYB	21, 40, 184
Decimal	1387192
CIELab	27.51, 46.84, -74.89
CIELCh	28, 88.336, 302.022
Yxy	5.2760, 0.1607, 0.0866
Android (android.graphics.Color)	4279577272 (0xFF152AB8)
YUV	51.9090, 65.1209, -27.1072
Hunter-Lab	22.9697, 35.8743, -102.2703

Details

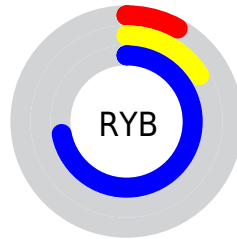
The Android color `4279577272` is a dark color, and the websafe version is hex `0033CC`. A complement of this color would be `4290290453`, and the grayscale version is `4281545523`.

A 20% lighter version of the original color is `4284897777`, and `4278190465` is the 20% darker color. If you saturate the color by 10%, you get `4278393528`, and if you desaturate by 10%, it is `4280761016`.

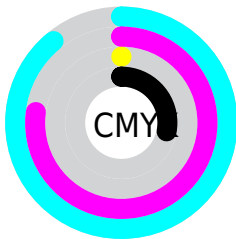
Distribution



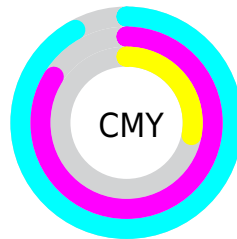
- Red (8%)
- Green (16%)
- Blue (72%)



- Red (8%)
- Yellow (16%)
- Blue (72%)



- Cyan (89%)
- Magenta (77%)
- Yellow (0%)
- Black (28%)



- Cyan (92%)
- Magenta (84%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279577272 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 4279577272 by changing the saturation by 10% instead.

 4279577272

 4279577272

4294967295

 4278195356

 4284897777


 4278190465

 4287001343

 4278190183

 4288974079

 4278192718

 4291012607

 4278191414

 4292985599

 4278190624

 4294959103

 4278190084

 4294966271

 4278190080

 4279577272

 4279577272

■ 4278393528

■ 4280761016

■ 4278196408

■ 4282010296

■ 4283194040

■ 4284443320

■ 4285627064

■ 4286810808

■ 4288060088

■ 4289243832

■ 4290493112

Harmonies

Analogous

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



4278209742



4279577272



4287561858

Triad

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



4279577272



4286585344



4278212420

Complementary

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



4279577272



4290290453

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.



4278211584



4279577272



4283252992

Square

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



4279577272



4288872448



4278210304



4278212745

Rectangle

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



4279577272



4289134678



4278210304



4278212140

Sweetspot

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



4279577272



4289705968



4279613602



4283520632



4294440951



4286085240

Same Dimension

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



4279577272



4278198256



4283504056



4283651164



4278195356



4278191132

Inverse Universe

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



4290254122



4293918751



4286363669



4284240724



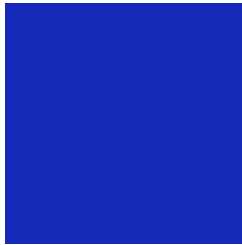
4288413716



4280025092

Previews

White Background



This preview shows how the Android color 4279577272 looks on a white background.

Color Contrast Check

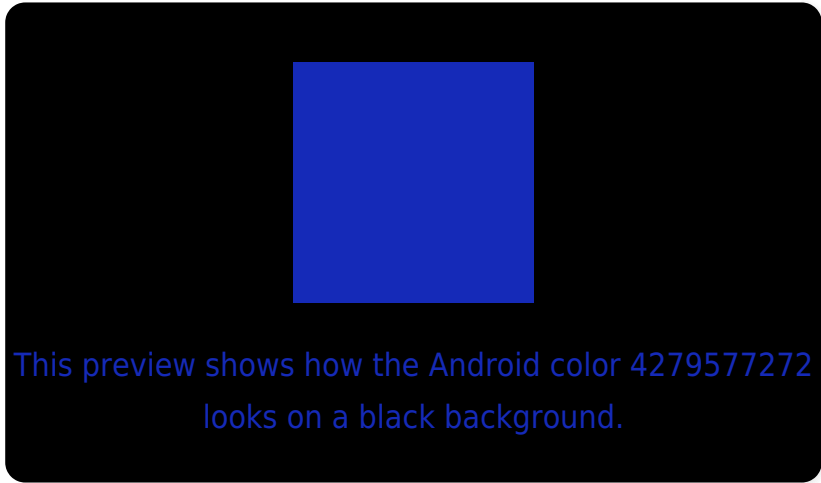
Large Text (above 18pt) WCAG AA ✓ Pass

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

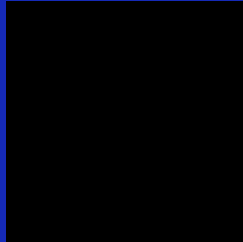
Any Text WCAG AA × Fail

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 4279577272 Background



This preview shows how black text looks on a background with the Android color 4279577272.



This preview shows how white text looks on a background with the Android color 4279577272.

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
4279577272

Protanopia
4278206340

Deuteranopia
4278207344

Trichromacy



Original Color
4279577272

Protanomaly
4278728599

Deuteranomaly
4278729354

Tritanomaly
4278730099

Monochromacy



Original Color
4279577272

Achromatopsia
4281611316

Achromatomaly
4280889444

CSS Examples

Text

The CSS property to change the color of the text to Android 4279577272 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(21, 42, 184)` looks like.

```
.text, #text, p{  
    color:rgb(21, 42, 184)  
}
```

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(21, 42, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 42, 184) }
```

Border

The CSS property to change the border of an element to Android 4279577272 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(21, 42, 184) }
```

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

```
.border{ border-color:rgb(21, 42, 184) }
```

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

Here you see how a box with a 4 pixel rgb(21, 42, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 42, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 42, 184);  
box-shadow:4px 4px 4px 4px rgb(21, 42,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4279577272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 42, 184) }
```

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

```
.background{ background-color: rgb(21, 42,  
184) }
```

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