

# Converting Colors

Android(4279312855)

Have a look what the booklet for  
Android(4279312855) contains.

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# Color

**Android(4279312855)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1121D7
RGB	17, 33, 215
RGB Percent	7%, 13%, 84%
CMY	0.9333, 0.8706, 0.1569
CMYK	0.92, 0.85, 0.00, 0.16
HSL	235°, 85%, 45%
HSV	235°, 92%, 84%
XYZ	13.0408, 6.1132, 64.7826
YIQ	48.9640, -67.9580, 53.2100

# Conversions

## Conversions Part 2

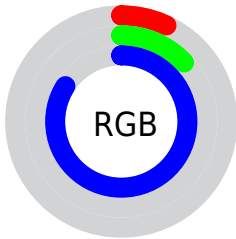
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 32, 215
Decimal	1122775
CIELab	29.70, 60.92, -89.43
CIELCh	30, 108.205, 304.263
Yxy	6.1132, 0.1554, 0.0728
Android (android.graphics.Color)	4279312855 (0xFF1121D7)
YUV	48.9640, 81.8557, -28.0324
Hunter-Lab	24.7248, 50.8788, -138.0408

# Details

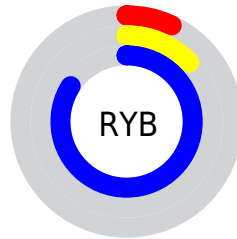
The Android color `4279312855` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4292331281`, and the grayscale version is `4281348144`.

A 20% lighter version of the original color is `4285486335`, and `4278190238` is the 20% darker color. If you saturate the color by 10%, you get `4278194647`, and if you desaturate by 10%, it is `4280694231`.

# Distribution



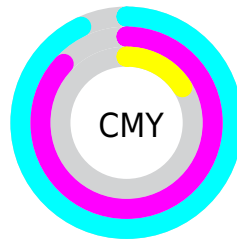
- Red (7%)
- Green (13%)
- Blue (84%)



- Red (7%)
- Yellow (13%)
- Blue (84%)



- Cyan (92%)
- Magenta (85%)
- Yellow (0%)
- Black (16%)



- Cyan (93%)
- Magenta (87%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279312855 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 4279312855 by changing the saturation by 10% instead.





4279312855



4279312855

4294967295



4278191290



4285486335



4278190238



4287720959



4278190211



4289825023



4278191465



4291863551



4278192720



4293967615



4278191416



4294958079



4278190625



4294965503



4278190087



4278190080

■ 4279312855

■ 4279312855

■ 4278194647

■ 4280694231

■ 4282141143

■ 4283522263

■ 4284969175

■ 4286350551

■ 4287797463

■ 4289244119

■ 4290625495

■ 4292072407

# Harmonies

## Analogous

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



4278211831



4279312855



4289331345

# Triad

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



4279312855



4287370496



4278214481

# Complementary

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



4279312855



4292331281

# 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.



4278213632



4279312855



4283189248

# Square

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



4279312855



4290314240



4278212352



4278215334

# Rectangle

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



4279312855



4291035226



4278212352



4278214195



# Sweetspot

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



4279312855



4290297343



4279359430



4283717760



4278190080



4286611584



# Same Dimension

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



4279312855



4278195711



4284748247



4284506475



4278193835



4278191147



# Inverse Universe

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



4292284705



4294901781



4286961425



4285227105



4289396750

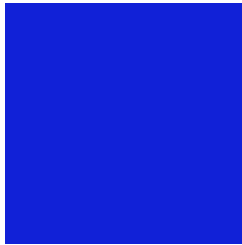


4281008132



# Previews

## White Background



This preview shows how the Android color 4279312855 looks on a white background.

## Color Contrast Check

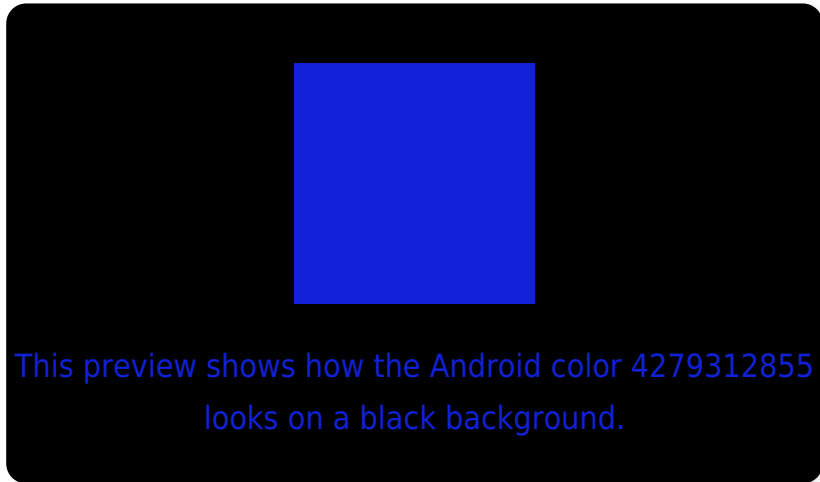
Large Text (above 18pt) WCAG AA ✓ Pass

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

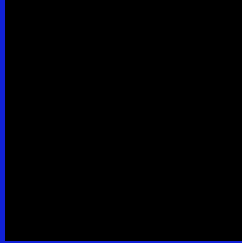
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279312855 Background



This preview shows how black text looks on a background with the Android color 4279312855.



This preview shows how white text looks on a background with the Android color 4279312855.

# 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**  
4279312855

**Protanopia**  
4278207374

**Deuteranopia**  
4278208632



# Trichromacy



**Original Color**  
4279312855

**Protanomaly**  
4278597545

**Deuteranomaly**  
4278598299

**Tritanomaly**  
4278599298

# Monochromacy



**Original Color**  
4279312855

**Achromatopsia**  
4281413937

**Achromatomaly**  
4280626029

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279312855 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(17, 33, 215)` looks like.

```
.text, #text, p{  
    color:rgb(17, 33, 215)  
}
```

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(17, 33, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 33, 215) }
```

## Border

The CSS property to change the border of an element to Android 4279312855 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(17, 33, 215) }
```

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

```
.border{ border-color:rgb(17, 33, 215) }
```

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

Here you see how a box with a 4 pixel rgb(17, 33, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 33, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 33, 215);  
box-shadow:4px 4px 4px 4px rgb(17, 33,  
215) }
```

# Background

The CSS property to change the background color of an element to Android 4279312855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 33, 215) }
```

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

```
.background{ background-color: rgb(17, 33,  
215) }
```

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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