

# Converting Colors

Android(4279641833)

Have a look what the booklet for  
Android(4279641833) contains.

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# Color

**Android(4279641833)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1626E9
RGB	22, 38, 233
RGB Percent	9%, 15%, 91%
CMY	0.9137, 0.8510, 0.0863
CMYK	0.91, 0.84, 0.00, 0.09
HSL	235°, 83%, 50%
HSV	235°, 91%, 91%
XYZ	15.7320, 7.4400, 77.6977
YIQ	55.4460, -72.1310, 57.2530

# Conversions

## Conversions Part 2

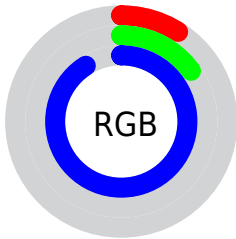
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	22, 37, 233
Decimal	1451753
CIE Lab	32.79, 64.23, -94.60
CIE LCh	33, 114.350, 304.175
Yxy	7.4400, 0.1560, 0.0738
Android (android.graphics.Color)	4279641833 (0xFF1626E9)
YUV	55.4460, 87.5341, -29.3321
Hunter-Lab	27.2763, 55.2185, -149.7963

# Details

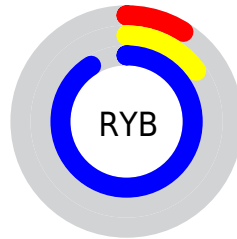
The Android color `4279641833` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4293515542`, and the grayscale version is `4281808695`.

A 20% lighter version of the original color is `4285880831`, and `4278190256` is the 20% darker color. If you saturate the color by 10%, you get `4278194921`, and if you desaturate by 10%, it is `4281154793`.

# Distribution



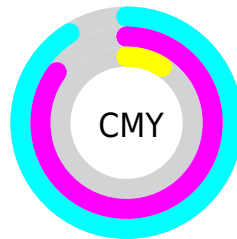
- Red (9%)
- Green (15%)
- Blue (91%)



- Red (9%)
- Yellow (15%)
- Blue (91%)



- Cyan (91%)
- Magenta (84%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (85%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279641833 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 4279641833 by changing the saturation by 10% instead.



 4279641833

 4279641833

4294967295

 4278192588

 4285880831

 4278190256

 4288115711

 4278190228

 4290285311

 4278190201

 4292389375

 4278193759

 4294493695

 4278192198

 4294959615

 4278191151

 4278190361

 4278190080

■ 4279641833

■ 4279641833

■ 4278194921

■ 4281154793

■ 4282733033

■ 4284245993

■ 4285758697

■ 4287337193

■ 4288849897

■ 4290362857

■ 4291875561

■ 4293454057

# Harmonies

## Analogous

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



4278213887



4279641833



4290248862

# Triad

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



4279641833



4288223488



4278216793

# Complementary

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



4279641833



4293515542

# 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.



4278215936



4279641833



4283715328

# Square

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



4279641833



4291362816



4278214656



4278217652

# Rectangle

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



4279641833



4292149347



4278214656



4278216504



# Sweetspot

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



4279641833



4290428927



4279691735



4283914880



4278190080



4286611584



# Same Dimension

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



4279641833



4278195199



4285404905



4285164149



4278193845



4278191158



# Inverse Universe

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



4293465638



4294901779



4287752470



4285885034



4290052110

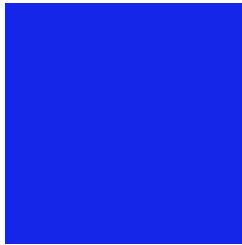


4281729028



# Previews

## White Background



This preview shows how the Android color 4279641833 looks on a white background.

## Color Contrast Check

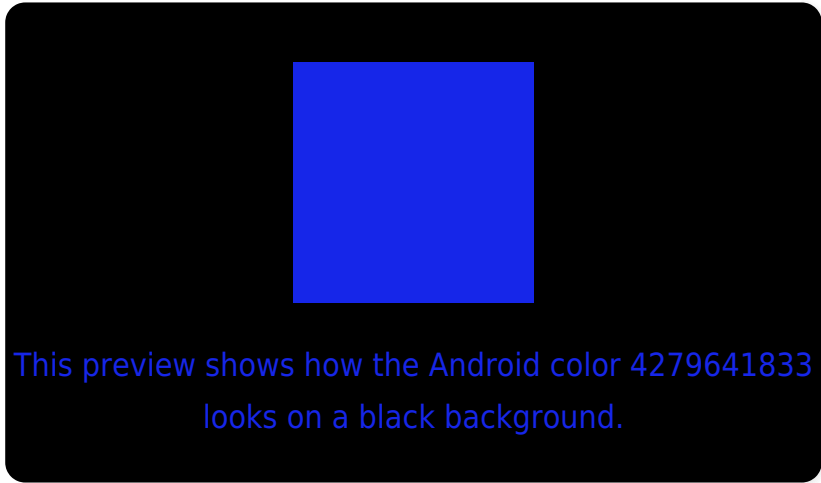
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279641833 Background



This preview shows how black text looks on a background with the Android color 4279641833.



This preview shows how white text looks on a background with the Android color 4279641833.

# 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**

4279641833

**Protanopia**

4278209179

**Deuteranopia**

4278210436



# Trichromacy



**Original Color**  
4279641833

**Protanomaly**  
4278730167

**Deuteranomaly**  
4278730921

**Tritanomaly**  
4278731917

# Monochromacy



**Original Color**  
4279641833

**Achromatopsia**  
4281808695

**Achromatomaly**  
4281020792

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279641833 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(22, 38, 233)` looks like.

```
.text, #text, p{  
    color:rgb(22, 38, 233)  
}
```

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(22, 38, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 38, 233) }
```

## Border

The CSS property to change the border of an element to Android 4279641833 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(22, 38, 233) }
```

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

```
.border{ border-color:rgb(22, 38, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 38, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 38, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 38, 233);  
box-shadow:4px 4px 4px 4px rgb(22, 38,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4279641833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 38, 233) }
```

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

```
.background{ background-color: rgb(22, 38,  
233) }
```

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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