

# Converting Colors

Android(4279452648)

Have a look what the booklet for  
Android(4279452648) contains.

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# Color

**Android(4279452648)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1343E8
RGB	19, 67, 232
RGB Percent	7%, 26%, 91%
CMY	0.9255, 0.7373, 0.0902
CMYK	0.92, 0.71, 0.00, 0.09
HSL	226°, 85%, 49%
HSV	226°, 92%, 91%
XYZ	16.8412, 9.9790, 77.3824
YIQ	71.4580, -81.5730, 41.1390

# Conversions

## Conversions Part 2

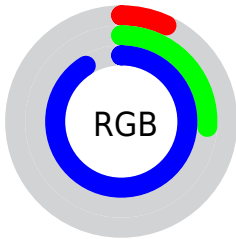
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 58, 232
Decimal	1262568
CIE <sub>Lab</sub>	37.80, 48.92, -85.71
CIE <sub>LCh</sub>	38, 98.690, 299.713
Yxy	9.9790, 0.1616, 0.0958
Android (android.graphics.Color)	4279452648 (0xFF1343E8)
<b>YUV</b>	71.4580, 79.1472, -46.0057
Hunter-Lab	31.5895, 39.8816, -123.1257

# Details

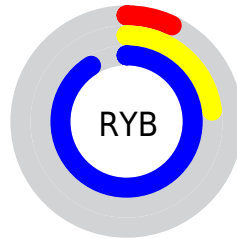
The Android color `4279452648` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4293441555`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4285691135`, and `4278196399` is the 20% darker color. If you saturate the color by 10%, you get `4278203624`, and if you desaturate by 10%, it is `4280964584`.

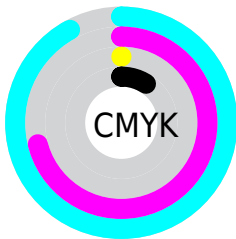
# Distribution



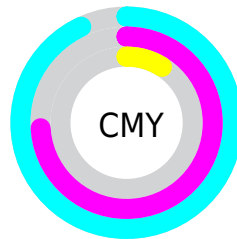
- Red (7%)
- Green (26%)
- Blue (91%)



- Red (7%)
- Yellow (23%)
- Blue (91%)



- Cyan (92%)
- Magenta (71%)
- Yellow (0%)
- Black (9%)



- Cyan (93%)
- Magenta (74%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279452648 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 4279452648 by changing the saturation by 10% instead.



 4279452648

 4279452648

4294967295

 4278201547

 4285691135

 4278196399

 4287860223

 4278192019

 4289964287

 4278190200

 4292068351

 4278193758

 4294172671

 4278192198

 4294966527

 4278191150

 4278190361

 4278190080

■ 4279452648

■ 4279452648

■ 4278203624

■ 4280964584

■ 4282476520

■ 4284053992

■ 4285565928

■ 4287077864

■ 4288589800

■ 4290101736

■ 4291679208

■ 4293191144

# Harmonies

## Analogous

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



4278216702



4279452648



4289724587

# Triad

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



4279452648



4289276160



4278219862

# Complementary

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



4279452648



4293441555

# 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.



4278219008



4279452648



4285421312

# Square

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



4279452648



4291821584



4278216960



4278220456

# Rectangle

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



4279452648



4291821688



4278216960



4278219578



# Sweetspot

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



4279452648



4290300159



4279494838



4283719296



4278190080



4286611584



# Same Dimension

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



4279452648



4278204927



4283175912



4284967539



4278200499



4278192947



# Inverse Universe

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



4293399363



4294901817



4289718291



4285753194



4289921064



4281532427



# Previews

## White Background



This preview shows how the Android color 4279452648 looks on a white background.

## Color Contrast Check

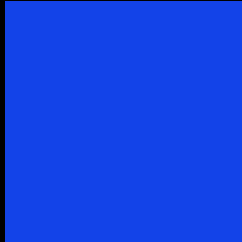
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Android color 4279452648 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 4279452648 Background



This preview shows how black text looks on a background with the Android color 4279452648.



This preview shows how white text looks on a background with the Android color 4279452648.

# 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**

4279452648

**Protanopia**

4278212019

**Deuteranopia**

4278213529



# Trichromacy



**Original Color**  
4279452648

**Protanomaly**  
4278668998

**Deuteranomaly**  
4278670006

**Tritanomaly**  
4278671254

# Monochromacy



**Original Color**  
4279452648

**Achromatopsia**  
4282861383

**Achromatomaly**  
4281616002

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279452648 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(19, 67, 232)` looks like.

```
.text, #text, p{  
  color:rgb(19, 67, 232)  
}
```

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(19, 67, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 67, 232) }
```

## Border

The CSS property to change the border of an element to Android 4279452648 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(19, 67, 232) }
```

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

```
.border{ border-color:rgb(19, 67, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 67, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 67, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 67, 232);  
box-shadow:4px 4px 4px 4px rgb(19, 67,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4279452648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 67, 232) }
```

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

```
.background{ background-color: rgb(19, 67,  
232) }
```

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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