

# Converting Colors

Android(4278200547)

Have a look what the booklet for  
Android(4278200547) contains.

<b>Android(4278200547)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278200547)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0028E3
RGB	0, 40, 227
RGB Percent	0%, 16%, 89%
CMY	1.0000, 0.8431, 0.1098
CMYK	1.00, 0.82, 0.00, 0.11
HSL	229°, 100%, 45%
HSV	229°, 100%, 89%
XYZ	14.6239, 7.0636, 73.2657
YIQ	49.3580, -83.8670, 49.6770

# Conversions

## Conversions Part 2

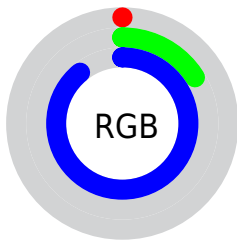
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 34, 227
Decimal	10467
CIELab	31.95, 61.24, -92.58
CIELCh	32, 111.003, 303.482
Yxy	7.0636, 0.1540, 0.0744
Android (android.graphics.Color)	4278200547 (0xFF0028E3)
YUV	49.3580, 87.5775, -43.2870
Hunter-Lab	26.5775, 51.7067, -144.8394

# Details

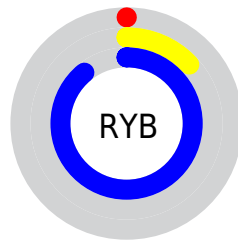
The Android color `4278200547` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4293114624`, and the grayscale version is `4281413937`.

A 20% lighter version of the original color is `4285487871`, and `4278190250` is the 20% darker color. If you saturate the color by 10%, you get `4278200547`, and if you desaturate by 10%, it is `4279712739`.

# Distribution



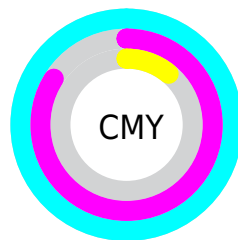
- Red (0%)
- Green (16%)
- Blue (89%)



- Red (0%)
- Yellow (13%)
- Blue (89%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (84%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278200547 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 4278200547 by changing the saturation by 10% instead.



 4278200547

 4278200547

4294967295

 4278193862

 4285487871

 4278190250

 4287722751

 4278190222

 4289892095

 4278190708

 4291996159

 4278193498

 4294100479

 4278191937

 4294959615


 4278190890

 4278190356

 4278190080

 4278200547

 4279712739

 4281159139

 4282671331


 4284183523

 4285695715

 4287142115

 4288654307

 4290166499

 4291612899

# Harmonies

## Analogous

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



4278213375



4278200547



4289790108

# Triad

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



4278200547



4288026368



4278216020

# Complementary

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



4278200547



4293114624

# 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.



4278215424



4278200547



4283714816

# Square

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



4278200547



4291035136



4278213888



4278216876

# Rectangle

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



4278200547



4291690595



4278213888



4278215733



# Sweetspot

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



4278200547



4289970431



4278248377



4283587200



4278190080



4286611584



# Same Dimension

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



4278200547



4278201855



4282908899



4284967283



4278198195



4278192435



# Inverse Universe

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



4293066792



4294901805



4288406272



4285753193



4289921055

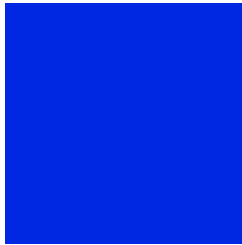


4281532425



# Previews

## White Background



This preview shows how the Android color 4278200547 looks on a white background.

## Color Contrast Check

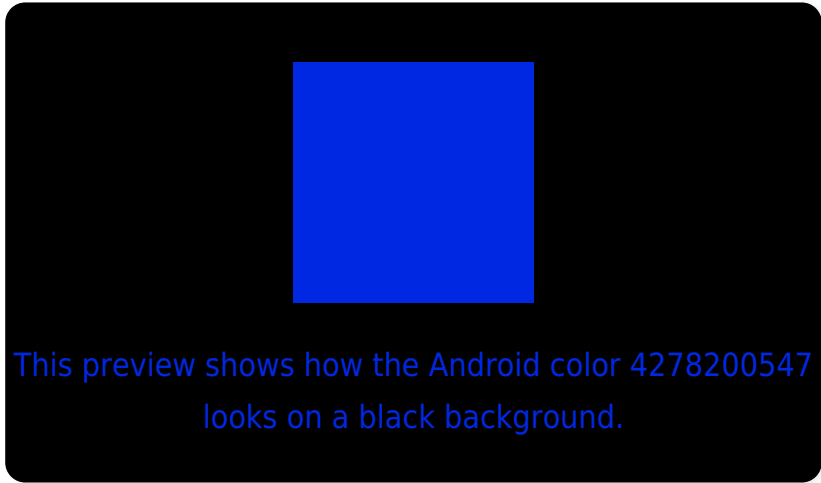
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278200547 Background



This preview shows how black text looks on a background with the Android color 4278200547.



This preview shows how white text looks on a background with the Android color 4278200547.

# 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**

4278200547

**Protanopia**

4278208664

**Deuteranopia**

4278209921



# Trichromacy



**Original Color**  
4278200547

**Protanomaly**  
4278205619

**Deuteranomaly**  
4278206629

**Tritanomaly**  
4278207370

# Monochromacy



**Original Color**  
4278200547

**Achromatopsia**  
4281413937

**Achromatomaly**  
4280233586

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278200547 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(0, 40, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 227)  
}
```

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(0, 40, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 227) }
```

## Border

The CSS property to change the border of an element to Android 4278200547 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(0, 40, 227) }
```

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

```
.border{ border-color:rgb(0, 40, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 40, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 40, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 40, 227)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278200547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 227) }
```

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

```
.background{ background-color: rgb(0, 40,  
227) }
```

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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