

# Converting Colors

Android(4278200550)

Have a look what the booklet for  
Android(4278200550) contains.

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# Color

**Android(4278200550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0028E6
RGB	0, 40, 230
RGB Percent	0%, 16%, 90%
CMY	1.0000, 0.8431, 0.0980
CMYK	1.00, 0.83, 0.00, 0.10
HSL	230°, 100%, 45%
HSV	230°, 100%, 90%
XYZ	15.0417, 7.2308, 75.4658
YIQ	49.7000, -84.8300, 50.6100

# Conversions

## Conversions Part 2

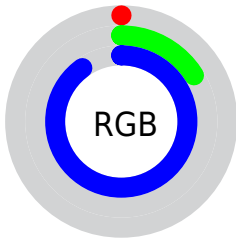
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 34, 230
Decimal	10470
CIELab	32.33, 62.15, -93.67
CIELCh	32, 112.414, 303.562
Yxy	7.2308, 0.1539, 0.0740
Android (android.graphics.Color)	4278200550 (0xFF0028E6)
YUV	49.7000, 88.8879, -43.5869
Hunter-Lab	26.8901, 52.7914, -147.5718

# Details

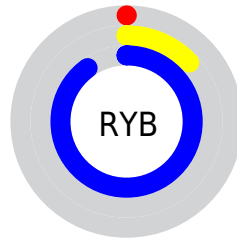
The Android color `4278200550` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293312000`, and the grayscale version is `4281413937`.

A 20% lighter version of the original color is `4285553407`, and `4278190253` is the 20% darker color. If you saturate the color by 10%, you get `4278200550`, and if you desaturate by 10%, it is `4279712742`.

# Distribution



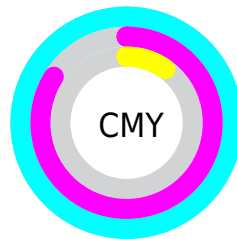
- Red (0%)
- Green (16%)
- Blue (90%)



- Red (0%)
- Yellow (13%)
- Blue (90%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (84%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278200550 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 4278200550 by changing the saturation by 10% instead.



 4278200550

 4278200550

4294967295

 4278193609

 4285553407

 4278190253

 4287788287

 4278190225

 4289957631

 4278190454

 4292061951

 4278193756

 4294231551

 4278191940

 4294959871

 4278190892

 4278190359

 4278190080

 4278200550

 4279712742

 4281224934

 4282737126

 4284249318

 4285761510

 4287273702

 4288785894

 4290298086

 4291810278

# Harmonies

## Analogous

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



4278213631



4278200550



4289986717

# Triad

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



4278200550



4288157440



4278216277

# Complementary

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



4278200550



4293312000

# 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.



4278215680



4278200550



4283780608

# Square

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



4278200550



4291166208



4278214144



4278217135

# Rectangle

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



4278200550



4291887204



4278214144



4278215990



# Sweetspot

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



4278200550



4289970431



4278249148



4283587200



4278190080



4286611584



# Same Dimension

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



4278200550



4278201599



4282974438



4284967283



4278198195



4278192435



# Inverse Universe

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



4293263400



4294901804



4288538112



4285753193



4289921055

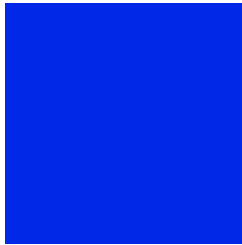


4281532425



# Previews

## White Background



This preview shows how the Android color 4278200550 looks on a white background.

## Color Contrast Check

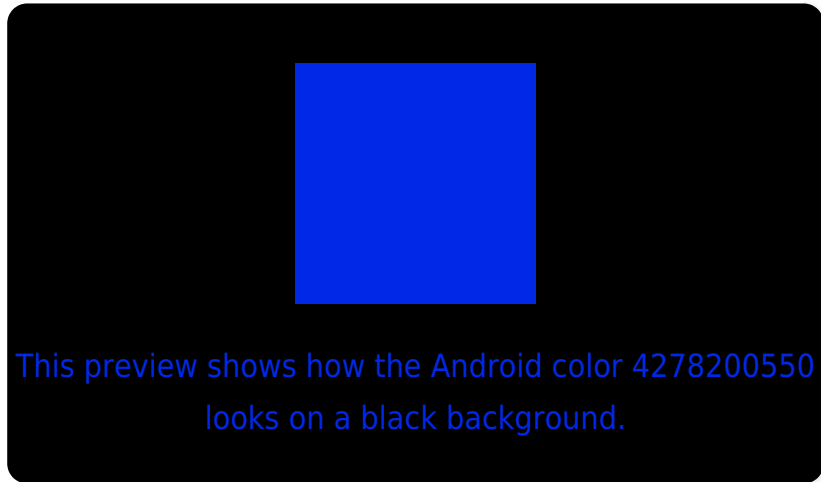
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278200550 Background



This preview shows how black text looks on a background with the Android color 4278200550.



This preview shows how white text looks on a background with the Android color 4278200550.

# 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**  
4278200550

**Protanopia**  
4278208922

**Deuteranopia**  
4278210178



# Trichromacy



**Original Color**

4278200550

**Protanomaly**

4278205878

**Deuteranomaly**

4278206630

**Tritanomaly**

4278207628

# Monochromacy



**Original Color**

4278200550

**Achromatopsia**

4281479730

**Achromatomaly**

4280299123

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278200550 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 230) }
```

## Border

The CSS property to change the border of an element to Android 4278200550 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, 230) }
```

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

```
.border{ border-color:rgb(0, 40, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 40, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 40, 230)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278200550 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, 230) }
```

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

```
.background{ background-color: rgb(0, 40,  
230) }
```

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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