

# Converting Colors

Android(4278191557)

Have a look what the booklet for  
Android(4278191557) contains.

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# Color

**Android(4278191557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0005C5
RGB	0, 5, 197
RGB Percent	0%, 2%, 77%
CMY	1.0000, 0.9804, 0.2275
CMYK	1.00, 0.97, 0.00, 0.23
HSL	238°, 100%, 39%
HSV	238°, 100%, 77%
XYZ	10.1323, 4.1398, 53.0883
YIQ	25.3930, -64.6120, 58.6520

# Conversions

## Conversions Part 2

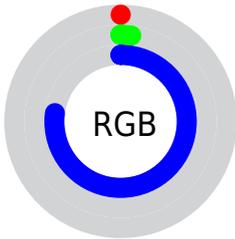
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 5, 197
Decimal	1477
CIELab	24.13, 64.11, -88.23
CIELCh	24, 109.062, 306.005
Yxy	4.1398, 0.1504, 0.0615
Android (android.graphics.Color)	4278191557 (0xFF0005C5)
YUV	25.3930, 84.6023, -22.2697
Hunter-Lab	20.3464, 53.2851, -140.4585

# Details

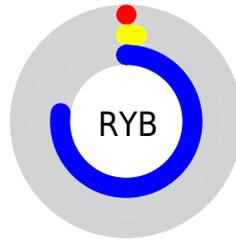
The Android color `4278191557` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4291149824`, and the grayscale version is `4279834905`.

A 20% lighter version of the original color is `4285022719`, and `4278190221` is the 20% darker color. If you saturate the color by 10%, you get `4278191557`, and if you desaturate by 10%, it is `4279507141`.

# Distribution



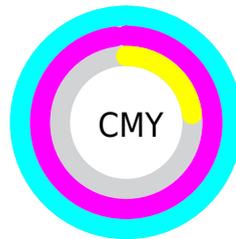
- Red (0%)
- Green (2%)
- Blue (77%)



- Red (0%)
- Yellow (2%)
- Blue (77%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (98%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278191557 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 4278191557 by changing the saturation by 10% instead.

 4278191557

 4278191557

4294967295

 4278190249

 4285022719

 4278190221

 4287192063

 4278190195

 4289295871

 4278193497

 4291399935

 4278191936

 4293438463

 4278190889

 4294952959

 4278190356

 4294960383

 4278190080

 4278191557

 4279507141

 4280757189

 4282073029

 4283388613

 4284704197

 4285954245

 4287269829

 4288585669

 4289835717

# Harmonies

## Analogous

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



4278208487



4278191557



4288479359

# Triad

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



4278191557



4286056192



4278210633

# Complementary

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



4278191557



4291149824

# 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.



4278210048



4278191557



4281941248

# Square

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



4278191557



4289003520



4278209024



4278211484

# Rectangle

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



4278191557



4289986633



4278209024



4278210348

# Sweetspot

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



4278191557



4289967359



4278240702



4283585408



4278190080



4286611584



# Same Dimension

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



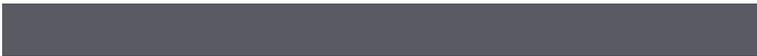
4278191557



4278191871



4284219589



4284111459



4278191267



4278190372



# Inverse Universe

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



4291100677



4294901766



4285121792



4284701274



4288872452

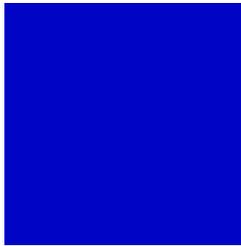


4280549377



# Previews

## White Background



This preview shows how the Android color 4278191557 looks on a white background.

## Color Contrast Check

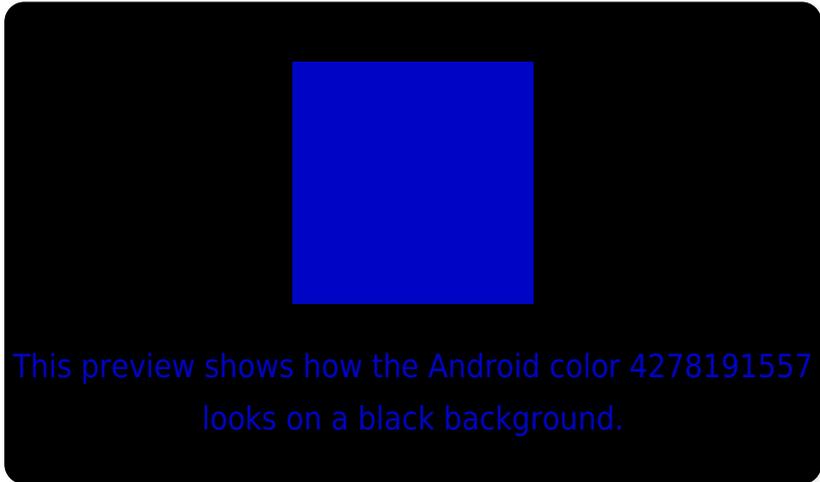
Large Text (above 18pt) WCAG AA ✓ Pass

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

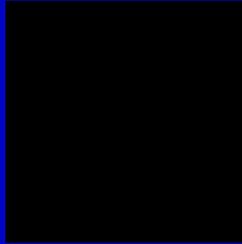
Any Text WCAG AA × Fail

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 4278191557 Background



This preview shows how black text looks on a background with the Android color 4278191557.



This preview shows how white text looks on a background with the Android color 4278191557.

# 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**  
4278191557

**Protanopia**  
4278205049

**Deuteranopia**  
4278206054



# Trichromacy



**Original Color**

4278191557

**Protanomaly**

4278200213

**Deuteranomaly**

4278200713

**Tritanomaly**

4278201460

# Monochromacy



**Original Color**

4278191557

**Achromatopsia**

4279834905

**Achromatomaly**

4279243352

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278191557 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, 5, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 5, 197)  
}
```

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, 5, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 5, 197) }
```

## Border

The CSS property to change the border of an element to Android 4278191557 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, 5, 197) }
```

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

```
.border{ border-color:rgb(0, 5, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 5, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 5, 197); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 5, 197); box-shadow:4px  
4px 4px 4px rgb(0, 5, 197) }
```

# Background

The CSS property to change the background color of an element to Android 4278191557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 5, 197) }
```

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

```
.background{ background-color: rgb(0, 5,  
197) }
```

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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