

# Converting Colors

Android(4278207425)

Have a look what the booklet for  
Android(4278207425) contains.

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# Color

**Android(4278207425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0043C1
RGB	0, 67, 193
RGB Percent	0%, 26%, 76%
CMY	1.0000, 0.7373, 0.2431
CMYK	1.00, 0.65, 0.00, 0.24
HSL	219°, 100%, 38%
HSV	219°, 100%, 76%
XYZ	11.6328, 7.8646, 51.3570
YIQ	61.3310, -80.3780, 24.9820

# Conversions

## Conversions Part 2

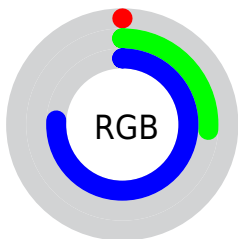
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 193
Decimal	17345
CIELab	33.70, 34.03, -70.00
CIELCh	34, 77.828, 295.926
Yxy	7.8646, 0.1642, 0.1110
Android (android.graphics.Color)	4278207425 (0xFF0043C1)
YUV	61.3310, 64.9128, -53.7873
Hunter-Lab	28.0438, 24.9664, -88.9477

# Details

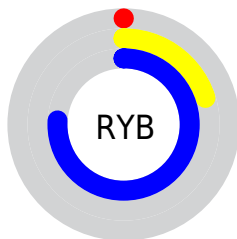
The Android color `4278207425` is a dark color, and the websafe version is hex `003399`. The color can be described as dark washed blue. A complement of this color would be `4290870784`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4284642299`, and `4278196874` is the 20% darker color. If you saturate the color by 10%, you get `4278207425`, and if you desaturate by 10%, it is `4279455937`.

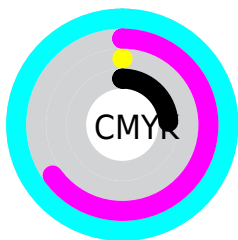
# Distribution



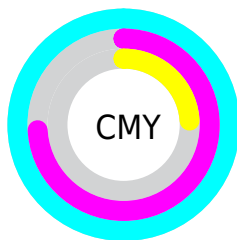
- Red (0%)
- Green (26%)
- Blue (76%)



- Red (0%)
- Yellow (20%)
- Blue (76%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (74%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278207425 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 4278207425 by changing the saturation by 10% instead.





4278207425



4278207425

4294967295



4278201765



4284642299



4278196874



4286745855



4278191472



4288784127



4278191958



4290757119



4278191678



4292795903



4278190887



4294769407



4278190353



4278190080



4278207425

■ 4279455937

■ 4280769729

■ 4282018241

■ 4283266497

■ 4284580545

■ 4285829057

■ 4287077313

■ 4288325825

■ 4289639617

# Harmonies

## Analogous

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



4278213582



4278207425



4287431062

# Triad

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



4278207425



4287965184



4278216261

# Complementary

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



4278207425



4290870784

# 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.



4278215168



4278207425



4285090304

# Square

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



4278207425



4289724447



4280965888



4278216580

# Rectangle

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



4278207425



4289331311



4280965888



4278215983



# Sweetspot

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



4278207425



4289710586



4278239613



4283457661



4294769916



4286414205



# Same Dimension

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



4278207425



4278212602



4280090817



4283915105



4278204577



4278193185



# Inverse Universe

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



4290838595



4294574167



4288987392



4284569435



4288741432



4280352780



# Previews

## White Background



This preview shows how the Android color 4278207425 looks on a white background.

### Color Contrast Check

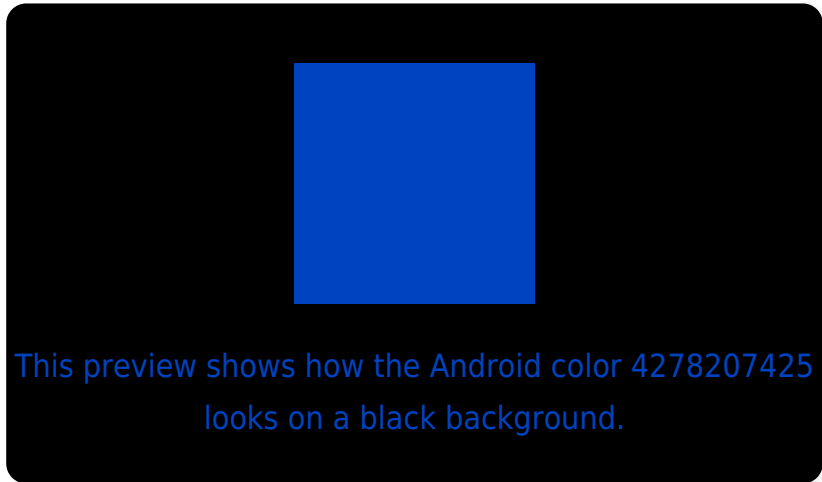
Large Text (above 18pt) WCAG AA ✓ Pass

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

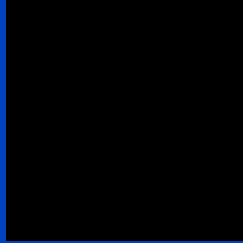
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278207425 Background



This preview shows how black text looks on a background with the Android color 4278207425.



This preview shows how white text looks on a background with the Android color 4278207425.

# 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**

4278207425

**Protanopia**

4278209697

**Deuteranopia**

4278211210



# Trichromacy



**Original Color**

4278207425

**Protanomaly**

4278208941

**Deuteranomaly**

4278209950

**Tritanomaly**

4278210689

# Monochromacy



**Original Color**

4278207425

**Achromatopsia**

4282203453

**Achromatomaly**

4280762221

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278207425 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, 67, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 193)  
}
```

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, 67, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 193) }
```

## Border

The CSS property to change the border of an element to Android 4278207425 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, 67, 193) }
```

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

```
.border{ border-color:rgb(0, 67, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 67, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 67, 193)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278207425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 193) }
```

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

```
.background{ background-color: rgb(0, 67,  
193) }
```

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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