

# Converting Colors

Android(4278207407)

Have a look what the booklet for  
Android(4278207407) contains.

<b>Android(4278207407)</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(4278207407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0043AF
RGB	0, 67, 175
RGB Percent	0%, 26%, 69%
CMY	1.0000, 0.7373, 0.3137
CMYK	1.00, 0.62, 0.00, 0.31
HSL	217°, 100%, 34%
HSV	217°, 100%, 69%
XYZ	9.7450, 7.1095, 41.4161
YIQ	59.2790, -74.6000, 19.3840

# Conversions

## Conversions Part 2

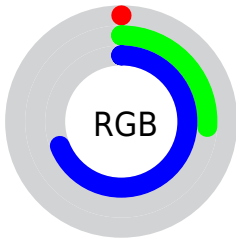
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 175
Decimal	17327
CIELab	32.05, 26.89, -62.06
CIELCh	32, 67.631, 293.425
Yxy	7.1095, 0.1672, 0.1220
Android (android.graphics.Color)	4278207407 (0xFF0043AF)
YUV	59.2790, 57.0505, -51.9877
Hunter-Lab	26.6636, 18.5771, -73.4297

# Details

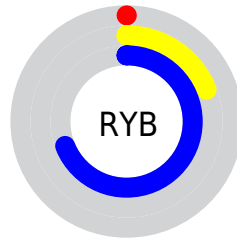
The Android color `4278207407` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289686528`, and the grayscale version is `4282071867`.

A 20% lighter version of the original color is `4284248808`, and `4278196857` is the 20% darker color. If you saturate the color by 10%, you get `4278207407`, and if you desaturate by 10%, it is `4279324335`.

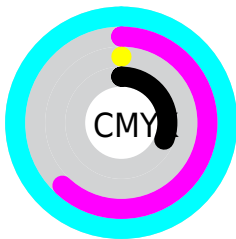
# Distribution



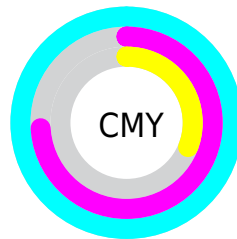
- Red (0%)
- Green (26%)
- Blue (69%)



- Red (0%)
- Yellow (19%)
- Blue (69%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (74%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278207407 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 4278207407 by changing the saturation by 10% instead.



 4278207407

 4278207407

4294967295

 4278201748

 4284248808

 4278196857

 4286287103

 4278190432

 4288259839

 4278192199

 4290232831

 4278191152

 4292206079

 4278190362

 4294179327

 4278190080

 4278207407

 4279324335

■ 4280506799

■ 4281689007

■ 4282805935

■ 4283988399

■ 4285105327

■ 4286222255

■ 4287404463

■ 4288586927

# Harmonies

## Analogous

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



4278212279



4278207407



4286389644

# Triad

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



4278207407



4287375616



4278214462

# Complementary

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



4278207407



4289686528

# 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.



4278213632



4278207407



4284957952

# Square

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



4278207407



4288806950



4281685248



4278215029

# Rectangle

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



4278207407



4288151659



4281685248



4278214443



# Sweetspot

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



4278207407



4288657891



4278234988



4282997107



4294111986



4285756275



# Same Dimension

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



4278207407



4278212579



4279500975



4283322711



4278205078



4278192407



# Inverse Universe

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



4289658947



4293066839



4288392960



4283911761



4288020538



4279697417



# Previews

## White Background



This preview shows how the Android color 4278207407 looks on a white background.

## Color Contrast Check

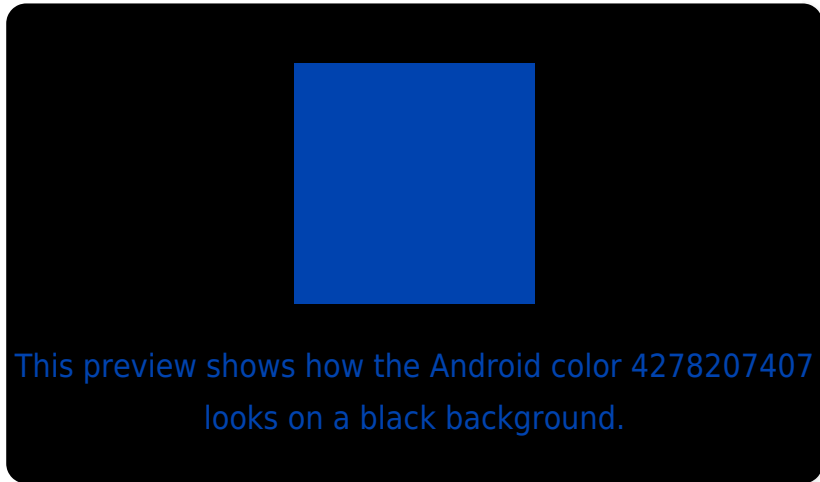
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207407 Background



This preview shows how black text looks on a background with the Android color 4278207407.



This preview shows how white text looks on a background with the Android color 4278207407.

# 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**  
4278207407

**Protanopia**  
4278208922

**Deuteranopia**  
4278210180



# Trichromacy



**Original Color**

4278207407

**Protanomaly**

4278208418

**Deuteranomaly**

4278209172

**Tritanomaly**

4278210168

# Monochromacy



**Original Color**

4278207407

**Achromatopsia**

4282071867

**Achromatomaly**

4280696421

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278207407 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 175) }
```

## Border

The CSS property to change the border of an element to Android 4278207407 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, 175) }
```

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

```
.border{ border-color:rgb(0, 67, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 67, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 67, 175)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278207407 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, 175) }
```

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

```
.background{ background-color: rgb(0, 67,  
175) }
```

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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