

# Converting Colors

Android(4278267257)

Have a look what the booklet for  
Android(4278267257) contains.

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# Color

**Android(4278267257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	012D79
RGB	1, 45, 121
RGB Percent	0%, 18%, 47%
CMY	0.9961, 0.8235, 0.5255
CMYK	0.99, 0.63, 0.00, 0.53
HSL	218°, 98%, 24%
HSV	218°, 99%, 47%
XYZ	4.4021, 3.2637, 18.4871
YIQ	40.5080, -50.6200, 14.3080

# Conversions

## Conversions Part 2

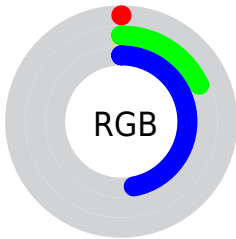
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 33, 121
Decimal	77177
CIELab	21.07, 19.77, -46.83
CIELCh	21, 50.836, 292.891
Yxy	3.2637, 0.1683, 0.1248
Android (android.graphics.Color)	4278267257 (0xFF012D79)
YUV	40.5080, 39.6826, -34.6485
Hunter-Lab	18.0657, 11.8803, -48.0269

# Details

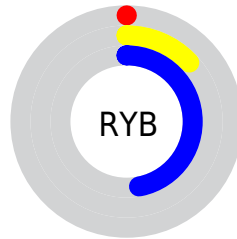
The Android color **4278267257** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286139649**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4283194030**, and **4278190152** is the 20% darker color. If you saturate the color by 10%, you get **4278201465**, and if you desaturate by 10%, it is **4279055737**.

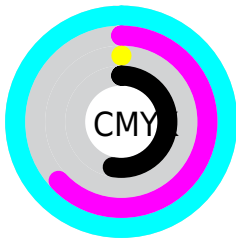
# Distribution



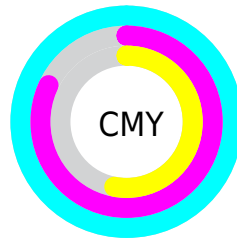
- Red (0%)
- Green (18%)
- Blue (47%)



- Red (0%)
- Yellow (13%)
- Blue (47%)



- Cyan (99%)
- Magenta (63%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (82%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278267257 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 4278267257 by changing the saturation by 10% instead.





4278267257



4278267257

4294967295



4278196576



4283194030



4278190152



4285035210



4278191152



4286876902



4278190362



4288718591



4278190080



4290560511



4292468223



4294441727



4278267257



4278267257

■ 4278201465

■ 4279055737

■ 4279843961

■ 4280632441

■ 4281420921

■ 4282209145

■ 4283063161

■ 4283851641

■ 4284639865

■ 4285428345

# Harmonies

## Analogous

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



4278205310



4278267257



4283765857

# Triad

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



4278267257



4284553728



4278206760

# Complementary

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



4278267257



4286139649

# 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.



4278205952



4278267257



4282854912

# Square

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



4278267257



4285530137



4280563968



4278207055

# Rectangle

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



4278267257



4285005898



4280563968



4278206491



# Sweetspot

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



4278267257



4285497502



4278286669



4281548111



4291809231



4283387727



# Same Dimension

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



4278267257



4278205086



4279304569



4281809213



4278201981



4278214140



# Inverse Universe

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



4286120237



4288544826



4285102337



4282201913



4286382126



4294705245



# Previews

## White Background



This preview shows how the Android color 4278267257 looks on a white background.

### Color Contrast Check

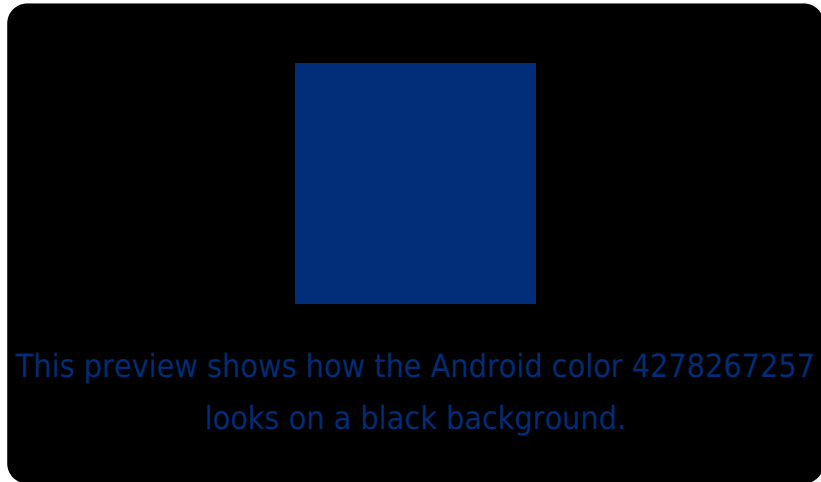
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278267257 Background



This preview shows how black text looks on a background with the Android color 4278267257.



This preview shows how white text looks on a background with the Android color 4278267257.

# 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**  
4278267257

**Protanopia**  
4278202985

**Deuteranopia**  
4278203738



# Trichromacy



**Original Color**

4278267257

**Protanomaly**

4278202479

**Deuteranomaly**

4278202981

**Tritanomaly**

4278203730

# Monochromacy



**Original Color**

4278267257

**Achromatopsia**

4280887593

**Achromatomaly**

4279904838

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278267257 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(1, 45, 121)` looks like.

```
.text, #text, p{  
    color:rgb(1, 45, 121)  
}
```

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(1, 45, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 45, 121) }
```

## Border

The CSS property to change the border of an element to Android 4278267257 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(1, 45, 121) }
```

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

```
.border{ border-color:rgb(1, 45, 121) }
```

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

Here you see how a box with a 4 pixel rgb(1, 45, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 45, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 45, 121);  
box-shadow:4px 4px 4px 4px rgb(1, 45, 121)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278267257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 45, 121) }
```

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

```
.background{ background-color: rgb(1, 45,  
121) }
```

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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