

Lottie Animation

A Guide to Creating and Implementing Lottie Animations in Figma

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Lottie is a library that allows developers to easily add animations to Android apps. It uses animations created with Adobe After Effects and exported as JSON files, and allows developers to play them back natively on Android devices.

How Figma to Lottie works

Download the LottieFiles for Figma plugin

Search for an animation or create your own

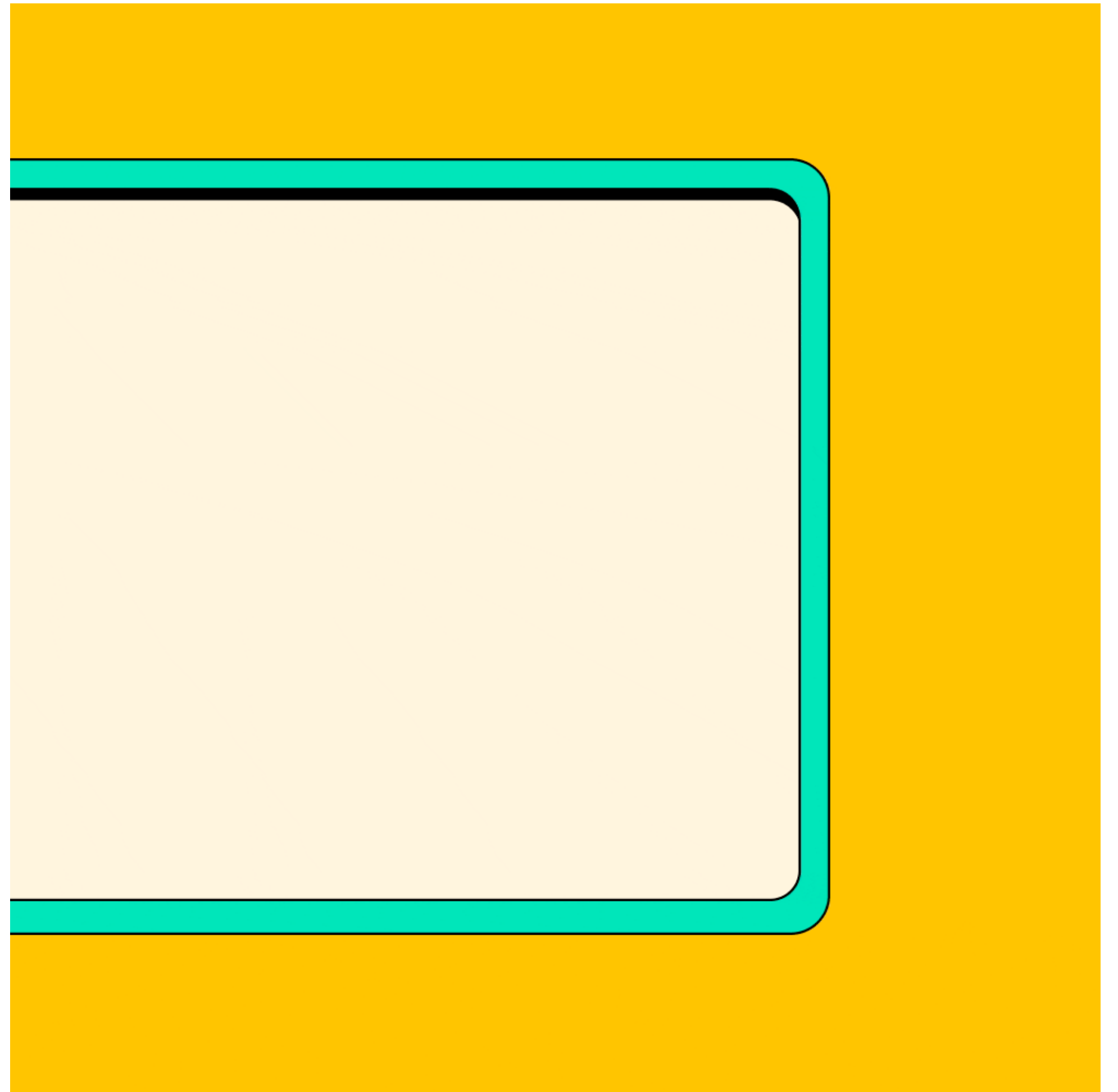
Insert the animation into your designs seamlessly

There are a few ways you can create your own Lottie animation using Figma to Lottie. You can:

Export existing prototype flows as Lottie animations

Select multiple frames for a quick and faster animation path

Demonstration



Adding Lottie to an Activity or Fragment

Add the Lottie library to your project's dependencies in the build.gradle file:

```
implementation 'com.airbnb.android:lottie:$lottieVersion'
```

add a LottieAnimationView to your layout file, like this:

```
<com.airbnb.lottie.LottieAnimationView  
    android:id="@+id/animation_view"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    app:lottie_rawRes="@raw/my_animation"  
    app:lottie_autoPlay="true"  
    app:lottie_loop="true" />
```

This creates a LottieAnimationView that loads the animation from the raw resource my_animation, and automatically starts playing and looping the animation.

To view and play the animation

```
class MainActivity : AppCompatActivity() {  
    override fun onCreate(savedInstanceState: Bundle?) {  
        super.onCreate(savedInstanceState)  
        setContentView(R.layout.activity_main)  
  
        var anim = findViewById<LottieAnimationView>(R.id.AnimationView)  
  
        Handler(Looper.getMainLooper()).postDelayed(Runnable{  
            anim.visibility = View.VISIBLE  
            anim.playAnimation()  
        }, 2000)  
        anim.setOnClickListener{  
            anim.playAnimation()  
        }  
    }  
}
```

Loading animations from assets or URLs

```
// Load an animation from the assets folder  
animationView.setAnimation("my_animation.json")
```

```
// Load an animation from a URL  
animationView.setAnimationFromUrl("https://example.com/my_animation.json")
```


Using Lottie animations as drawable resources

You can use Lottie animations as drawable resources in your app, which allows you to easily use them in ImageView or ImageButton elements:

```
<ImageView  
    android:id="@+id/animated_image"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:src="@drawable/my_animation" />
```

This creates a LottieAnimationView that loads the animation from the raw resource my_animation, and automatically starts playing and loop

```
val animationView = findViewById<LottieAnimationView>(R.id.animation_view)
```

```
// Start playing the animation  
animationView.playAnimation()
```

```
// Pause the animation  
animationView.pauseAnimation()
```

```
// Resume the animation after it has been paused  
animationView.resumeAnimation()
```

```
// Stop the animation and reset it to the beginning  
animationView.cancelAnimation()ing the animation.
```

Changing the speed and progress of an animation

You can change the playback speed of a Lottie animation using the `setSpeed` method:

```
// Double the playback speed of the animation  
animationView.setSpeed(2f)
```

You can also change the progress of the animation using the `setProgress` method:

```
// Set the animation to play from the halfway point  
animationView.progress = 0.5f
```

sources

<https://lottiefiles.com/blog/working-with-lottie/getting-started-with-lottie-animations-in-android-app>

<https://lottiefiles.com/plugins/figma>

<https://lottiefiles.com/search?q=car&category=animations>

THANK YOU

Do you have any
question?

Links to tutorials on the next page

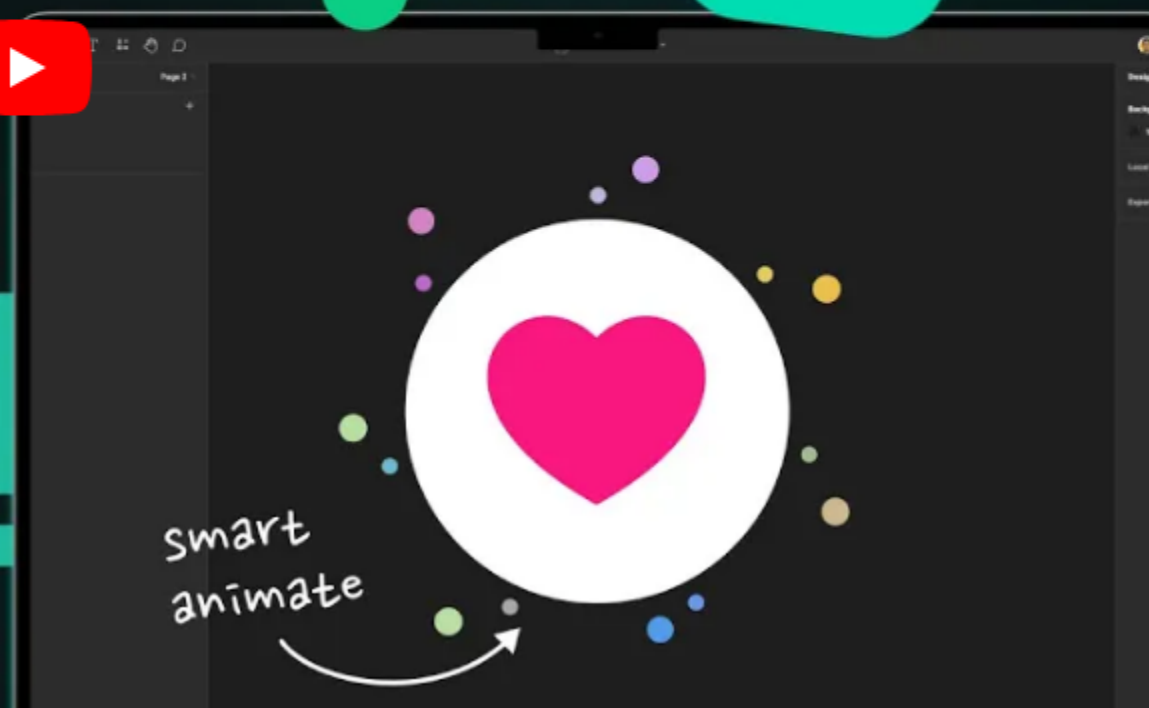
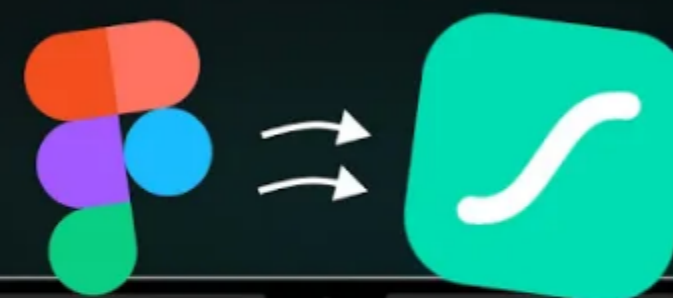



You Can FINALLY Export Figma Animations To Lottie! – LottieFiles Features + Tutorial



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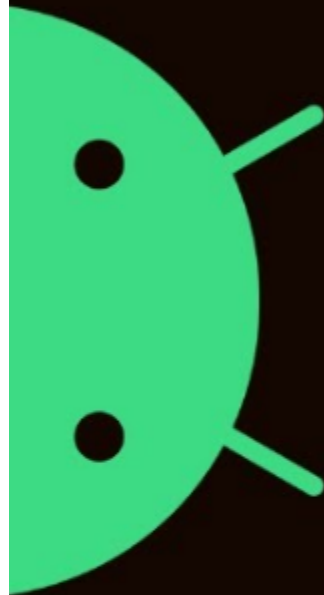
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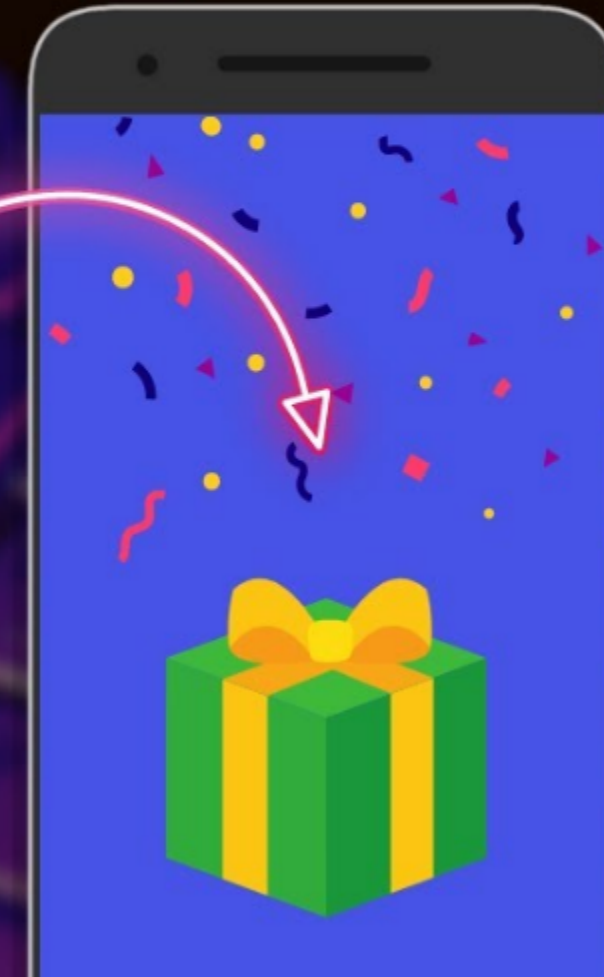
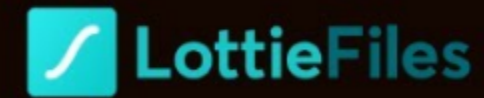
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ANDROID

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