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## Sample Code

# Editing and playing HDR video

Support high-dynamic-range (HDR) video content in your app by using the HDR editing and playback capabilities of AVFoundation.

Download

iOS 14.0+ | iPadOS 14.0+ | macOS 11.0+ | Xcode 12.0+

## Overview

### Note

This sample code project is associated with WWDC20 session [10009: Edit and Play Back HDR Video with AVFoundation](#).

## See Also

### Built-in video compositing



Debugging AVFoundation audio mixes, compositions, and video compositions

Resolve common problems when creating compositions, video compositions, and audio mixes.

`class AVVideoComposition`

An object that describes how to compose video frames at particular points in time.

`class AVVideoCompositionInstruction`

An operation that a compositor performs.

`class AVVideoCompositionLayerInstruction`

An object used to modify the transform, cropping, and opacity ramps applied to a given track in a composition.

~~`class AVMutableVideoComposition`~~

A mutable video composition subclass.

Deprecated

~~`class AVMutableVideoCompositionInstruction`~~

A mutable video composition instruction subclass.

Deprecated

~~`class AVMutableVideoCompositionLayerInstruction`~~

An object used to modify the transform, cropping, and opacity ramps applied to a given track in a mutable composition.

Deprecated