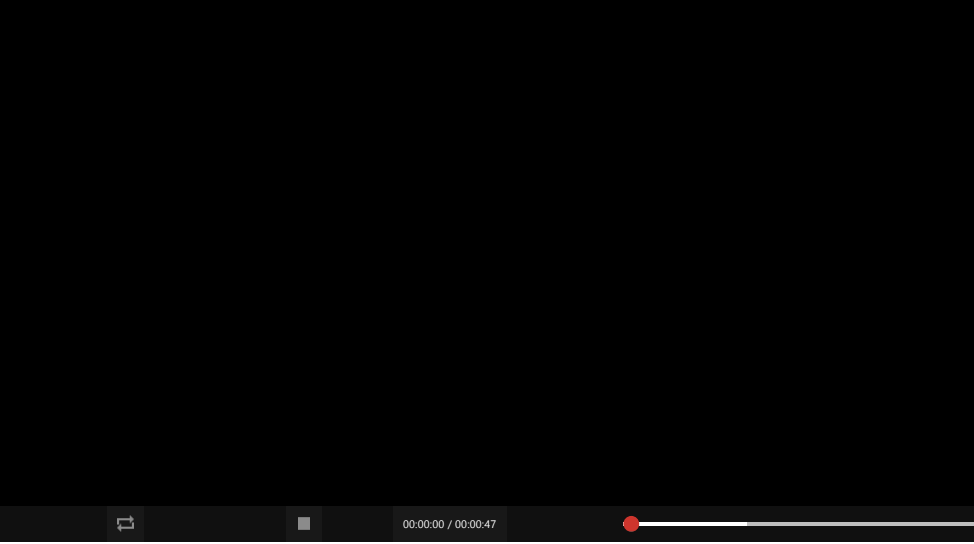# Video player

Create cool styled video player in one command with Metro 4 video role.

Create player

It is often necessary to show video files to the user. Use the Metro 4 video player to show video the same in all systems.

To create `video player` add attribute `data-role="video"` to `video` element. To define video source add attribute `data-src="..."` .
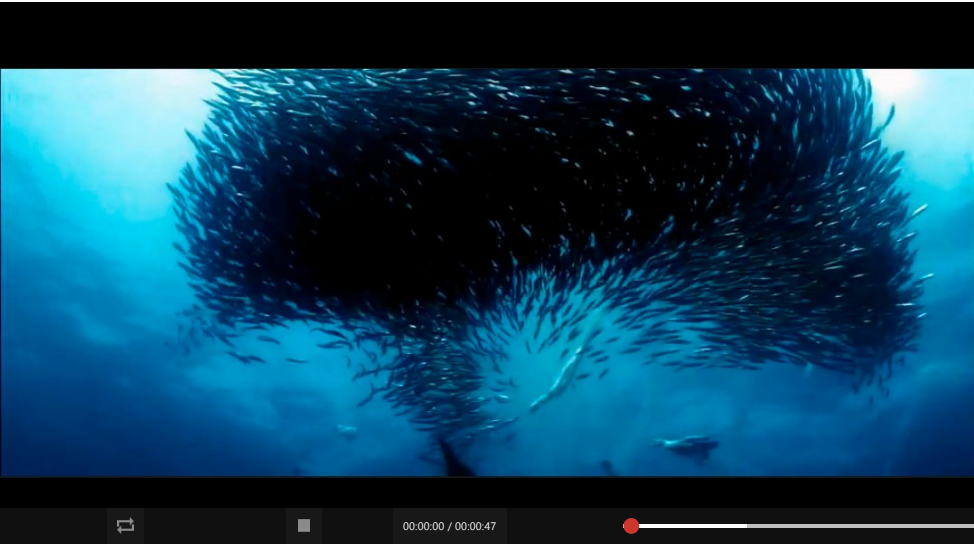
```html
<video data-role="video" data-src="https://metroui.org.ua/res/oceans.mp4"></video>
```

Poster & logo

You can add `poster` and `logo` to video player.

Poster
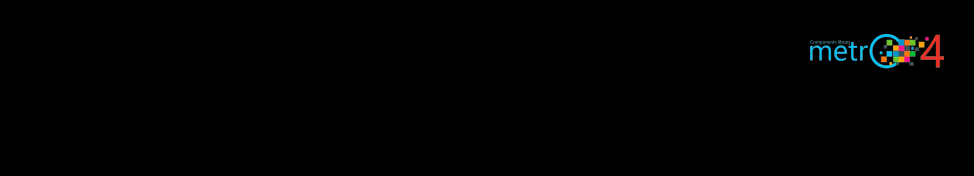
The poster attribute specifies an image to be shown while the video is downloading, or until the user hits the play button. To add `poster` use attribute `data-poster="..."` .

```html
<video data-role="video"
       data-src="https://metroui.org.ua/res/oceans.mp4"
       data-poster="https://metroui.org.ua/res/poster-oceans.jpg">
</video>
```

Logo

To add specific `logo` to player, use attributes `data-logo` , `data-logo-height` , `data-logo-width` , `data-logo-target` . If you specify `data-logo-target` , user can be switched to target address, specified in this attribute. With `data-logo-height` and `data-logo-width` you can change default logo `size` .
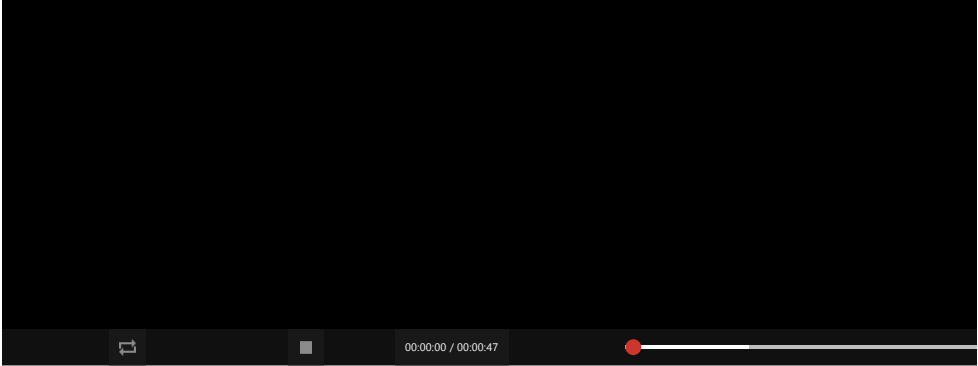
```
<video data-role="video"
       data-src="https://metroui.org.ua/res/oceans.mp4"
       data-logo="https://metroui.org.ua/images/logo4.png"
       data-logo-height="64"
       data-logo-target="https://metroui.org.ua/v4/"
></video>
```

Controls

You can define what controls will be shown and what image contained in it.

Show controls

To define controls shown use attributes: `data-show-loop` , `data-show-play` , `data-show-stop` , `data-show-full` , `data-show-stream` , `data-show-volume` . All this attributes has ben one of two values: `true` or `false` .


```
<video data-role="video"
       data-src="https://metroui.org.ua/res/oceans.mp4"
       data-show-loop="false"
       data-show-full="false"
       data-show-mute="false">
</video>
```

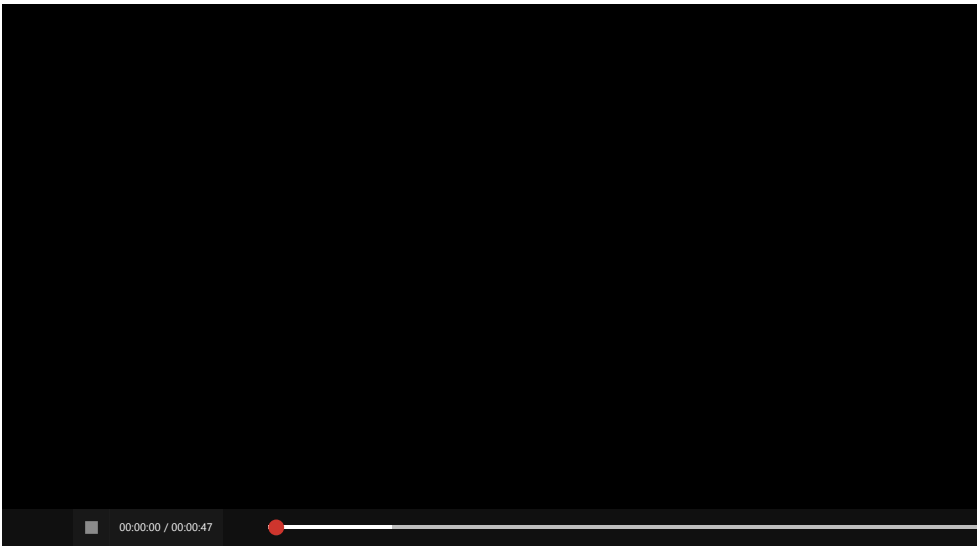### Define controls images

To define controls images use next attributes: `data-loop-icon` , `data-play-icon` , `data-pause-icon` , `data-stop-icon` , `data-mute-icon` , `data-volume-low-icon` , `data-volume-medium-icon` , `data-volume-high-icon` , `data-screen-more-icon` , `data-screen-less-icon` . Values for these attributes must be valid html tag for icon from font or image.
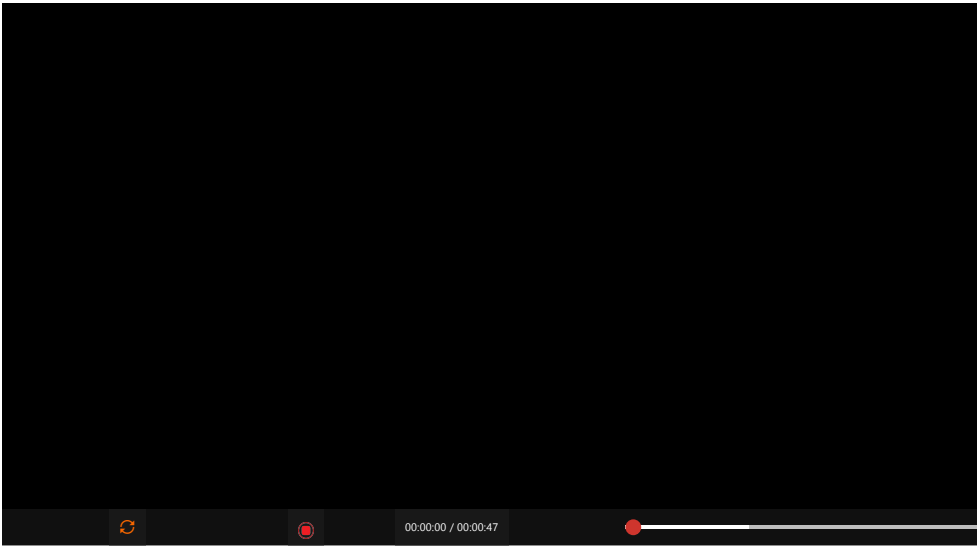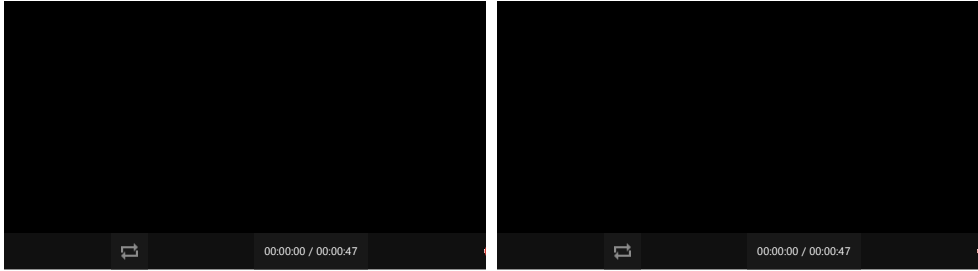
```
<video data-role="video"
    data-loop-icon="<span class="mif-loop2"></span>"
    data-play-icon="<img src="images/play-icon.png">"
    data-src="https://metroui.org.ua/res/oceans.mp4">
</video>
```

Hiding controls

You can use attribute `data-controls-hide` to auto hiding controls when moude leave player and after `...` milliseconds. By default this value is `3000`. If you set this to `0` controls never hiding.

Hide after 1000 ms

Never hide

| 00:00:00 / 00:00:47 | | | 00:00:00 / 00:00:47 |

```
<video data-role="video"
    data-src="https://metroui.org.ua/res/oceans.mp4"
    data-controls-hide="1000">
</video>
```

Video options

Use additional options to interact with component.

Looping video

You can set `looping video` with attribute `data-loop="true"`.

```
<video data-role="video" data-loop="true"></video>
```

Auto play video

To `auto-play` video, you can use attribute `data-autoplay="true"`.

```
<video data-role="video" data-autoplay="true"></video>
```

Volume

You can setup `volume` with attribute `data-volume`. This value must be between `0` and `1`.

```
<video data-role="video" data-volume=".5"></video>
```

Aspect ratio

Setup video player aspect ratio with attribute `data-aspect-ratio="hd|sd|cinema"`.

HD (16:9)

SD (4:3)

CINEMA (21:9)

```
<video data-role="video" data-aspect-ratio="hd"></video>
<video data-role="video" data-aspect-ratio="sd"></video>
<video data-role="video" data-aspect-ratio="cinema"></video>
```

Events

When video player works, it generated the numbers of events. You can use callback for this event to behavior with video player.

Event	Data-*	Desc
onPlay(video, player)	`data-on-play`	Fired when video playing started
onPause(video, player)	`data-on-pause`	Fired when video paused
onStop(video, player)	`data-on-stop`	Fired when video stopped
onEnd(video, player)	`data-on-end`	Fired when video ended
onMetadata(video, player)	`data-on-metadata`	Fired when player get metadata

Event	Data-*	Desc
onTime(currTime, duration, video, player)	`data-on-time`	Fired when player play video
onVideoCreate(video, player)	`data-on-video-create`	Fired when player created

Methods

You can use video player methods to interact with the component.

- **aspectRatio(ratio)** - set aspect ratio
- **play()** - play current video
- **play(src)** - play video from src
- **pause()** - pause playing
- **resume()** - resume playing
- **stop()** - stop playing
- **volume()** - get current volume
- **volume(vol)** - set volume
- **loop()** - toggle looping video
- **mute()** - mute video

```
var player = $(el).data('video');
player.play("https://metroui.org.ua/res/oceans.mp4");
player.pause();
player.resume();
```

Observe

You can change attributes `data-aspect-ratio` , `data-src` and `data-volume` at runtime.