



Style Transfer Intro

✓ **Video:** Welcome to Course 4
6 min

✓ **Reading:** Connect with your mentors and fellow learners on Slack!
10 min

✓ **Video:** Style Transfer Intro
3 min

✓ **Reading:** Reference: A Neural Algorithm of Artistic Style
10 min

✓ **Video:** Style Transfer Conceptual Overview
4 min

✓ **Reading:** Reference: Perceptual Losses for Real-Time Style Transfer and Super-Resolution
10 min

▶ **Video:** Pre-Processing Inputs
2 min

▶ **Video:** Extracting Style and Content Features
6 min

📖 **Reading:** Reference: Visualizing and Understanding Convolutional Networks
10 min

▶ **Video:** Total Loss and Content Loss
3 min

▶ **Video:** Style Loss
3 min

📖 **Reading:** Reference: numpy.einsum
10 min

▶ **Video:** Update the Generated Image
1 min

▶ **Video:** Optional - Gram



Reference: Perceptual Losses for Real-Time Style Transfer and Super-Resolution

- Perceptual Losses for Real-Time Style Transfer and Super-Resolution (Johnson, Alahi & Li, 2016)

✓ Complete

Go to next item

