

# tf.keras.applications.resnet50.preprocess\_input

## Contents

## Aliases:

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- `tf.keras.applications.resnet50.preprocess_input`
- `tf.keras.applications.vgg16.preprocess_input`
- `tf.keras.applications.vgg19.preprocess_input`

```
preprocess_input(  
    x,  
    data_format=None  
)
```

Defined in [tensorflow/python/keras/\\_impl/keras/applications/imagenet\\_utils.py](#).

Preprocesses a tensor encoding a batch of images.

## Arguments:

- `x`: input Numpy tensor, 4D.
- `data_format`: data format of the image tensor.

## Returns:

Preprocessed tensor.

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