

## tf.to\_double

```
to_double(  
    x,  
    name='ToDouble'  
)
```

Defined in [tensorflow/python/ops/math\\_ops.py](#).

See the guide: [Tensor Transformations > Casting](#)

Casts a tensor to type `float64`.

## Args:

- `x`: A `Tensor` or `SparseTensor`.
- `name`: A name for the operation (optional).

## Returns:

A `Tensor` or `SparseTensor` with same shape as `x` with type `float64`.

## Raises:

- `TypeError`: If `x` cannot be cast to the `float64`.

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