

tf.as_dtype

```
as_dtype(type_value)
```

Defined in [tensorflow/python/framework/dtypes.py](#).

See the guide: [Building Graphs > Tensor types](#)

Converts the given `type_value` to a `DType`.

Args:

- `type_value`: A value that can be converted to a `tf.DType` object. This may currently be a `tf.DType` object, a `DataType` enum, a string type name, or a `numpy.dtype`.

Returns:

A `DType` corresponding to `type_value`.

Raises:

- `TypeError`: If `type_value` cannot be converted to a `DType`.

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