

tf.to_bfloat16

```
to_bfloat16(  
    x,  
    name='ToBFloat16'  
)
```

Defined in [tensorflow/python/ops/math_ops.py](#).

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

Casts a tensor to type **bfloat16**.

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 **bfloat16**.

Raises:

- **TypeError**: If **x** cannot be cast to the **bfloat16**.

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Last updated November 2, 2017.

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