

tf.image.rgb_to_grayscale

```
rgb_to_grayscale(  
    images,  
    name=None  
)
```

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

See the guide: [Images > Converting Between Colorspaces](#)

Converts one or more images from RGB to Grayscale.

Outputs a tensor of the same **DType** and rank as **images**. The size of the last dimension of the output is 1, containing the Grayscale value of the pixels.

Args:

- **images**: The RGB tensor to convert. Last dimension must have size 3 and should contain RGB values.
- **name**: A name for the operation (optional).

Returns:

The converted grayscale image(s).

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Last updated November 2, 2017.

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