# tf.image.random_hue

```
random_hue(
    image,
    max_delta,
    seed=None
)
```

Defined in `tensorflow/python/ops/image_ops_impl.py`.

See the guide: Images > Image Adjustments

Adjust the hue of an RGB image by a random factor.

Equivalent to `adjust_hue()` but uses a `delta` randomly picked in the interval `[-max_delta, max_delta]`.

`max_delta` must be in the interval `[0, 0.5]`.

## Args:

- `image`: RGB image or images. Size of the last dimension must be 3.
- `max_delta`: float. Maximum value for the random delta.
- `seed`: An operation-specific seed. It will be used in conjunction with the graph-level seed to determine the real seeds that will be used in this operation. Please see the documentation of set_random_seed for its interaction with the graph-level random seed.

## Returns:

3-D float tensor of shape `[height, width, channels]`.

## Raises:

- `ValueError`: if `max_delta` is invalid.

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