

## tf.image.decode\_gif

```
decode_gif(  
    contents,  
    name=None  
)
```

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

See the guide: [Images > Encoding and Decoding](#)

Decode the first frame of a GIF-encoded image to a uint8 tensor.

GIF with frame or transparency compression are not supported convert animated GIF from compressed to uncompressed by:

```
convert $src.gif -coalesce $dst.gif
```

This op also supports decoding JPEGs and PNGs, though it is cleaner to use `tf.image.decode_image`.

## Args:

- `contents`: A `Tensor` of type `string`. 0-D. The GIF-encoded image.
- `name`: A name for the operation (optional).

## Returns:

A `Tensor` of type `uint8`. 4-D with shape `[num_frames, height, width, 3]`. RGB order

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