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## How to access the GET parameters in Express.js or Node.js?

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I know how to get the params for queries like this:

```
app.get('/sample/:id', routes.sample);
```

In this case, I can use `req.params.id` to get the parameter (e.g. 2 in `/sample/2`).

However, for url like `/sample/2?color=red`, how can I access the variable `color`?

I tried `req.params.color` but it didn't work.

Does anyone have ideas about this? Thanks!

[node.js](#) [express](#) [query-string](#)

edited Oct 20 at 10:03



Yves M.  
2,498 1 17 33

asked Jun 9 '13 at 8:51



Firegun  
4,033 3 17 58

[add a comment](#)

### 2 Answers

So, after checking out the [express reference](#), I found that `req.query.color` would return me the value I'm looking for.

edited Jun 9 '13 at 12:15



verybadalloc  
2,755 1 7 25

answered Jun 9 '13 at 8:56



Firegun  
4,033 3 17 58

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Your answer is the preferred way to do it, however I thought I'd point out that you can also access url, post, and route parameters all with `req.param(parameterName, defaultValue)`.

In your case:

```
var color = req.param('color');
```

From the express guide:

lookup is performed in the following order:

- `req.params`
- `req.body`
- `req.query`

Note the guide does state the following:

Direct access to `req.body`, `req.params`, and `req.query` should be favoured for clarity - unless you truly accept input from each object.

However in practice I've actually found `req.param()` to be clear enough and makes certain types of refactoring easier.

answered Sep 22 at 15:27



[Zugwalt](#)

4,174 7 36 62

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this is the correct answer – [Joseph Juhnke](#) 17 hours ago

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