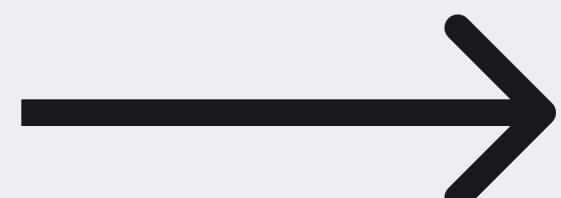


How to add

## Color Fields

# In Django Models



# Introduction...

A **django-colorfield** is a django package to add a nice color picker in django admin

# Let's install the package

We need to install **django-colorfield** package by just hitting this command in terminal.

```
pip install django-colorfield
```

# Add to INSTALLED\_APPS

We need to add `colorfield` to `INSTALLED_APPS` in `settings.py` for your project:



settings.py

```
INSTALLED_APPS = [  
    ...  
    colorfield  
    ...  
]
```

# Let's create a model

open **models.py** file and add this

**ColorField()** to your model.



models.py

```
from colorfield.fields import ColorField
from django.db import models

class MyModel(models.Model):
    color = ColorField(default='#FF0000')
```

# Field Options on ColorField

## 1. format

The following formats are supported: hex (default), hexa, rgb, rgba.



models.py

```
from colorfield.fields import ColorField
from django.db import models

class MyModel(models.Model):
    color = ColorField(format="hexa")
```



This is how you can add the following formats to the field.

## 2. samples

It is possible to provide a palette of colors to choose from to the widget using the samples option.



models.py

```
from colorfield.fields import ColorField
from django.db import models

class MyModel(models.Model):

    COLOR_PALETTE = [
        ("#FFFFFF", "white", ),
        ("#000000", "black", ),
    ]
    color = ColorField(samples=COLOR_PALETTE)

color = ColorField(choices=COLOR_PALETTE)
```

But if you use choice, you can only select the colors from choices, here colors are restrictive

This is how you can provide the color samples, but here color are not restrictive

### 3. image\_field

The color will automatically picked from the top-left pixel color of the image each time the model instance is saved.



models.py

```
from colorfield.fields import ColorField
from django.db import models

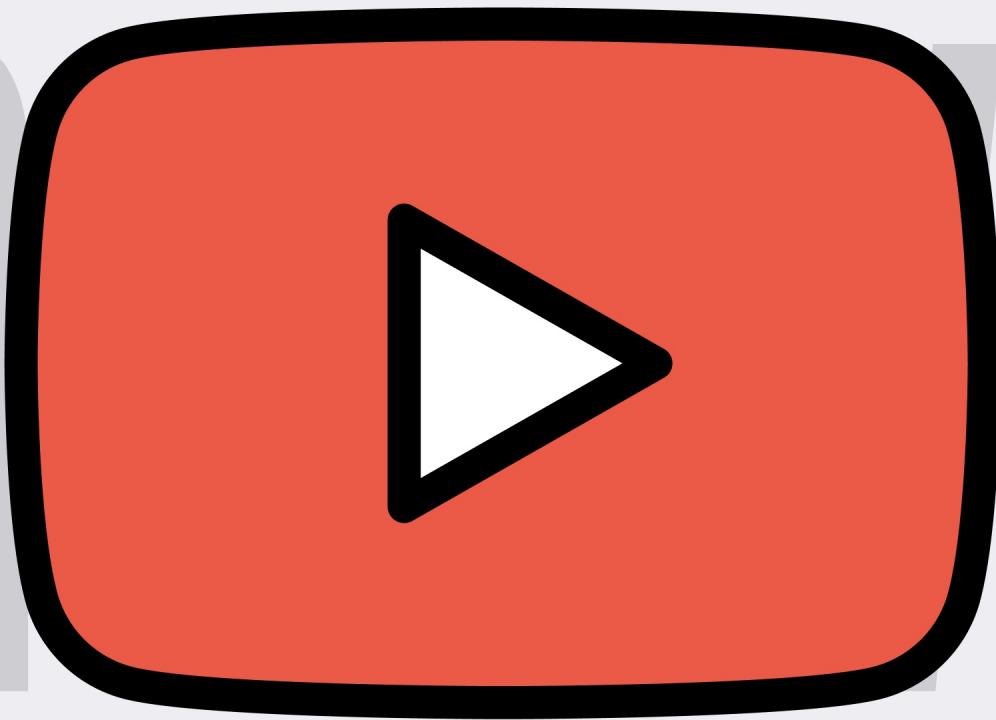
class MyModel(models.Model):
    image = models.ImageField(upload_to="images")
    color = ColorField(image_field="image")
```



Here you can pass the field name, in our case we have image as a field name, it automatically pick the top-left color from the image

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