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# GreasePencilColorModifier(Modifier)

base classes — [bpy\\_struct](#), [Modifier](#)

**class** bpy.types.GreasePencilColorModifier(Modifier)

## color\_mode

Attributes to modify

- `BOTH` Stroke & Fill – Modify fill and stroke colors.
- `STROKE` Stroke – Modify stroke color only.
- `FILL` Fill – Modify fill color only.

### TYPE:

enum in ['BOTH', 'STROKE', 'FILL'], default 'BOTH'

## custom\_curve

Custom curve to apply effect

### TYPE:

[CurveMapping](#), (readonly)

## hue

Color hue offset

### TYPE:

float in [0, 1], default 0.5

## invert\_layer\_filter

Invert layer filter

### TYPE:

boolean, default False

## invert\_layer\_pass\_filter

Invert layer pass filter

### TYPE:

boolean, default False

## invert\_material\_filter

Invert material filter

### TYPE:

boolean, default False

## invert\_material\_pass\_filter

Invert material pass filter

### TYPE:

boolean, default False

## layer\_filter

Layer name

### TYPE:

string, default "", (never None)

**layer\_pass\_filter**

Layer pass filter

**TYPE:**

int in [0, 100], default 0

**material\_filter**

Material used for filtering

**TYPE:**

`Material`

**material\_pass\_filter**

Material pass

**TYPE:**

int in [0, 100], default 0

**open\_influence\_panel****TYPE:**

boolean, default False

**saturation**

Color saturation factor

**TYPE:**

float in [0, inf], default 0.5

**use\_custom\_curve**

Use a custom curve to define a factor along the strokes

**TYPE:**

boolean, default False

**use\_layer\_pass\_filter**

Use layer pass filter

**TYPE:**

boolean, default False

**use\_material\_pass\_filter**

Use material pass filter

**TYPE:**

boolean, default False

**value**

Color value factor

**TYPE:**

float in [0, inf], default 0.5

**classmethod bl\_ma\_get\_subclass(id, default=None)****PARAMETERS:**

**id** (*str*) – The RNA type identifier.

**RETURNS:**

The RNA type or default when not found.

**RETURN TYPE:**

`bpy.types.Struct` subclass

**classmethod** `bl_rna_get_subclass_py(id, default=None)`

**PARAMETERS:**

**id** (*str*) – The RNA type identifier.

**RETURNS:**

The class or default when not found.

**RETURN TYPE:**

type

## Inherited Properties

- `bpy_struct.id_data`
- `Modifier.name`
- `Modifier.type`
- `Modifier.show_viewport`
- `Modifier.show_render`
- `Modifier.show_in_editmode`
- `Modifier.show_on_cage`
- `Modifier.show_expanded`
- `Modifier.is_active`
- `Modifier.use_pin_to_last`
- `Modifier.is_override_data`
- `Modifier.use_apply_on_spline`
- `Modifier.execution_time`
- `Modifier.persistent_uid`

## Inherited Functions

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `bpy_struct.driver_remove`
- `bpy_struct.get`
- `bpy_struct.id_properties_clear`
- `bpy_struct.id_properties_ensure`
- `bpy_struct.id_properties_ui`
- `bpy_struct.is_property_hidden`
- `bpy_struct.is_property_overridable_library`
- `bpy_struct.is_property_readonly`
- `bpy_struct.is_property_set`
- `bpy_struct.items`
- `bpy_struct.keyframe_delete`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`
- `bpy_struct.path_from_id`
- `bpy_struct.path_resolve`
- `bpy_struct.pop`
- `bpy_struct.property_overridable_library_set`
- `bpy_struct.property_unset`
- `bpy_struct.type_recast`
- `bpy_struct.values`
- `Modifier.bl_rna_get_subclass`
- `Modifier.bl_rna_get_subclass_py`