Package org.bukkit

Enum DyeColor

java.lang.Object
    java.lang.Enum <DyeColor>
        org.bukkit.DyeColor

All Implemented Interfaces:

Serializable , Comparable <DyeColor>, java.lang.constant.Constable

---

```
public enum DyeColor
extends Enum <DyeColor>
```

All supported color values for dyes and cloth

Nested Class Summary

Nested classes/interfaces inherited from class java.lang.*Enum*

Enum.EnumDesc <E extends Enum <E >>

Enum Constant Summary

Enum Constants

Enum Constant	Description
BLACK	Represents black dye.
BLUE	Represents blue dye.
BROWN	Represents brown dye.
CYAN	Represents cyan dye.
GRAY	Represents gray dye.
GREEN	Represents green dye.
LIGHT_BLUE	Represents light blue dye.
LIGHT_GRAY	Represents light gray dye.
LIME	Represents lime dye.
MAGENTA	Represents magenta dye.

ORANGE   Represents orange dye.

PINK   Represents pink dye.

PURPLE   Represents purple dye.

RED   Represents red dye.

WHITE   Represents white dye.

YELLOW   Represents yellow dye.

Method Summary

All Methods   Static Methods   Instance Methods   Concrete Methods

Deprecated Methods

Modifier and Type	Method	Description
static DyeColor	getByColor(Color color)	Gets the DyeColor with the given color value.
static DyeColor	getByDyeData(byte data)	**Deprecated.** Magic value
static DyeColor	getByFireworkColor(Color color)	Gets the DyeColor with the given firework color value.
static DyeColor	getByWoolData(byte data)	**Deprecated.** Magic value
Color	getColor()	Gets the color that this dye represents.
byte	getDyeData()	**Deprecated.** Magic value
Color	getFireworkColor()	Gets the firework color that this dye represents.
byte	getWoolData()	**Deprecated.** Magic value
static DyeColor	legacyValueOf(String name)	**Deprecated.** legacy use only
static DyeColor	valueOf(String name)	Returns the enum constant of this type with the specified name.
static DyeColor[]	values()	Returns an array containing the constants of this enum type, in the order they are declared.

Methods inherited from class java.lang.Enum

clone , compareTo , describeConstable , equals , finalize , getDeclaringClass ,
hashCode , name , ordinal , toString , valueOf

Methods inherited from class java.lang.Object

getClass , notify , notifyAll , wait , wait , wait

Enum Constant Details

WHITE

public static final DyeColor WHITE

Represents white dye.

ORANGE

public static final DyeColor ORANGE

Represents orange dye.

MAGENTA

public static final DyeColor MAGENTA

Represents magenta dye.

LIGHT_BLUE

public static final DyeColor LIGHT_BLUE

Represents light blue dye.

YELLOW

public static final DyeColor YELLOW

Represents yellow dye.

LIME

```
public static final DyeColor LIME
```

Represents lime dye.

PINK

```
public static final DyeColor PINK
```

Represents pink dye.

GRAY

```
public static final DyeColor GRAY
```

Represents gray dye.

LIGHT_GRAY

```
public static final DyeColor LIGHT_GRAY
```

Represents light gray dye.

CYAN

```
public static final DyeColor CYAN
```

Represents cyan dye.

PURPLE

```
public static final DyeColor PURPLE
```

Represents purple dye.

BLUE

```
public static final DyeColor BLUE
```

Represents blue dye.

BROWN

```
public static final DyeColor BROWN
```

Represents brown dye.

GREEN

`public static final` DyeColor `GREEN`

Represents green dye.

RED

`public static final` DyeColor `RED`

Represents red dye.

BLACK

`public static final` DyeColor `BLACK`

Represents black dye.

Method Details

values

`public static` DyeColor`[] values()`

Returns an array containing the constants of this enum type, in the order they are declared.

Returns:

an array containing the constants of this enum type, in the order they are declared

valueOf

`public static` DyeColor `valueOf(`String `  name)`

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

Parameters:

`name` - the name of the enum constant to be returned.

Returns:

the enum constant with the specified name

Throws:

IllegalArgumentException - if this enum type has no constant with the specified name

`NullPointerException`   - if the argument is null

getWoolData

`@Deprecated`
`public byte getWoolData()`

> **Deprecated.**
> *Magic value*

Gets the associated wool data value representing this color.

Returns:

A byte containing the wool data value of this color

See Also:

`getDyeData()`

getDyeData

`@Deprecated`
`public byte getDyeData()`

> **Deprecated.**
> *Magic value*

Gets the associated dye data value representing this color.

Returns:

A byte containing the dye data value of this color

See Also:

`getWoolData()`

getColor

`@NotNull`
`public Color getColor()`

Gets the color that this dye represents.

Returns:

The `Color` that this dye represents

getFireworkColor

@NotNull
public Color getFireworkColor()

Gets the firework color that this dye represents.

Returns:

The Color that this dye represents

getByWoolData

@Deprecated
@Nullable
public static DyeColor getByWoolData(byte data)

> **Deprecated.**
> *Magic value*

Gets the DyeColor with the given wool data value.

Parameters:

data - Wool data value to fetch

Returns:

The DyeColor representing the given value, or null if it doesn't exist

See Also:

getByDyeData(byte)

getByDyeData

@Deprecated
@Nullable
public static DyeColor getByDyeData(byte data)

> **Deprecated.**
> *Magic value*

Gets the DyeColor with the given dye data value.

Parameters:

data - Dye data value to fetch

Returns:

The DyeColor representing the given value, or null if it doesn't exist

See Also:

getByWoolData(byte)

getByColor

@Nullable
public static DyeColor getByColor(@NotNull
                                   Color color)

Gets the DyeColor with the given color value.

Parameters:

color - Color value to get the dye by

Returns:

The DyeColor representing the given value, or null if it doesn't exist

getByFireworkColor

@Nullable
public static DyeColor getByFireworkColor(@NotNull
                                           Color color)

Gets the DyeColor with the given firework color value.

Parameters:

color - Color value to get dye by

Returns:

The DyeColor representing the given value, or null if it doesn't exist

legacyValueOf

@Deprecated
@NotNull
public static DyeColor legacyValueOf(@Nullable
                                      String name)

> **Deprecated.**
> *legacy use only*

Gets the DyeColor for the given name, possibly doing legacy transformations.

Parameters:

name - dye name

Returns:

dye color