*** Cast int to enum ***

(1) From a string:

```
YourEnum foo = (YourEnum)Enum.Parse(typeof(YourEnum), yourString);
```

(2) From an int:

```
YourEnum foo = (YourEnum)yourInt;
```

(3) From number you can also

```
YourEnum foo = (YourEnum)Enum.ToObject(typeof(YourEnum) , yourInt);
```

(4) Alternatively, use an extension method instead of a one-liner:

```
public static T ToEnum<T>(this string enumString)
{
    return (T) Enum.Parse(typeof(T), enumString);
}
```

Usage:

```
Color colorEnum = "Red".ToEnum<Color>();
```

OR

```
string color = "Red";
var colorEnum = color.ToEnum<Color>();
```