- Secrets
- ABAP
- Apex
- C
- C++
- CloudFormation
- COBOL
- C#
- CSS
- Flex
- Go
- HTML
- Java
- JavaScript
- Kotlin
- Objective C
- **PHP**
- PL/I
- PL/SQL
- Python
- RPG
- Ruby
- Scala
- Swift
- Terraform
- Text
- TypeScript
- T-SQL
- VB.NET
- VB6
- XML

PHP static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your PHP code

All rules 268 | 🔒 Vulnerability 40 | 🐛 Bug 51 | 🛡 Security Hotspot 33 | ☢ Code Smell 144

Tags ⌄   Search by name...

Reluctant quantifiers in regular expressions should be followed by an expression that can't match the empty string

☢ Code Smell

Character classes in regular expressions should not contain the same character twice

☢ Code Smell

Regular expressions should not be too complicated

☢ Code Smell

PHPUnit assertTrue/assertFalse should be simplified to the corresponding dedicated assertion

☢ Code Smell

Methods should not have identical implementations

☢ Code Smell

Functions should use "return" consistently

☢ Code Smell

Assertion arguments should be passed in the correct order

☢ Code Smell

Ternary operators should not be nested

☢ Code Smell

Reflection should not be used to increase accessibility of classes, methods, or fields

☢ Code Smell

Multiline blocks should be enclosed in curly braces

☢ Code Smell

The number of arguments passed to a function should match the number of parameters

Analyze your code

🐛 Bug   🔻 Major ⍰   🏷 cwe

Calling a function or a method with fewer or more arguments than expected will raise a TypeError. This is usually a bug and should be fixed.

Provide missing arguments to the call, or define default values if there are fewer arguments.

Reduce the number of arguments provided by the function call, or add more parameter if there are more arguments than expected.

Noncompliant Code Example

```
function myFunction($a, $b, $c = null) {
  //...
}

myFunction($a); // Noncompliant - 2 arguments are requi
```

Exceptions

No issue is reported when arguments are used in the body of the function being called.

```
function myFunction() {
  $arg_list = func_get_args();
  //...
}

myFunction($a, $b);
```

See

- MITRE, CWE-628 - Function Call with Incorrectly Specified Arguments

Available In:

sonarlint | sonarcloud | sonarqube

Parameters should be passed in the correct order

⊗ Code Smell

Classes named like "Exception" should extend "Exception" or a subclass

⊗ Code Smell

Two branches in a conditional structure should not have exactly the same implementation

⊗ Code Smell

Unused assignments should be removed

⊗ Code Smell