

CSS (Specificity) "fish" ity

Specificity is the means by which a browser decides which CSS property values are the most relevant to an element and therefore will be applied.

Specificity is only based on the different CSS selectors. The specificity is a weight that is applied to a given CSS declaration based on the count of each selector type. In the case of specificity equality, the latest declaration found in the CSS is applied to the element.

*



Universal
selector

0-0-0

div



1
element

0-0-1

li > ul



2
elements

0-0-2

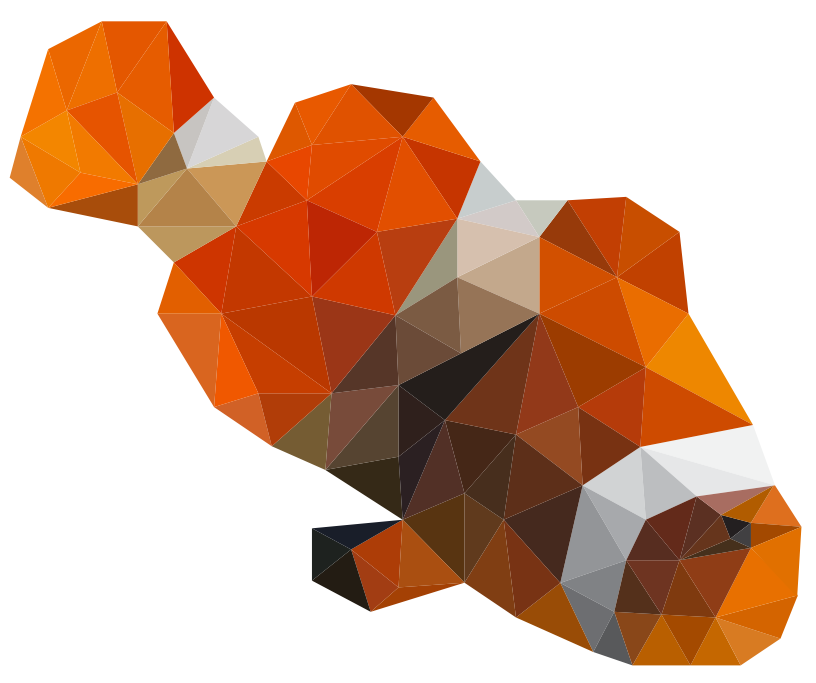
body div ... ul li p a



8
elements

0-0-8

.my-class



1 class

0-1-0

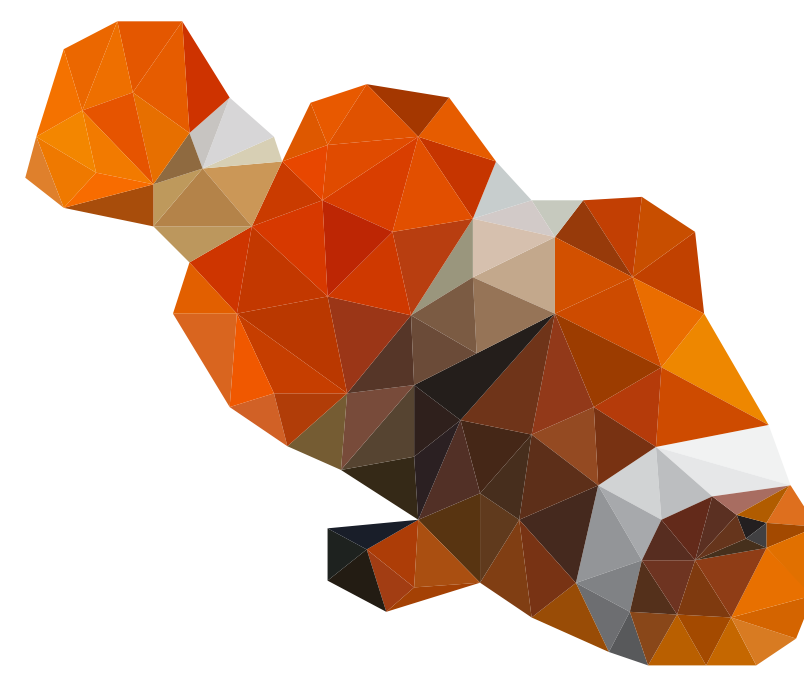
*.my-class



1 universal
selector,
1 class

0-1-0

[type=checkbox]



1 attribute
selector

0-1-0

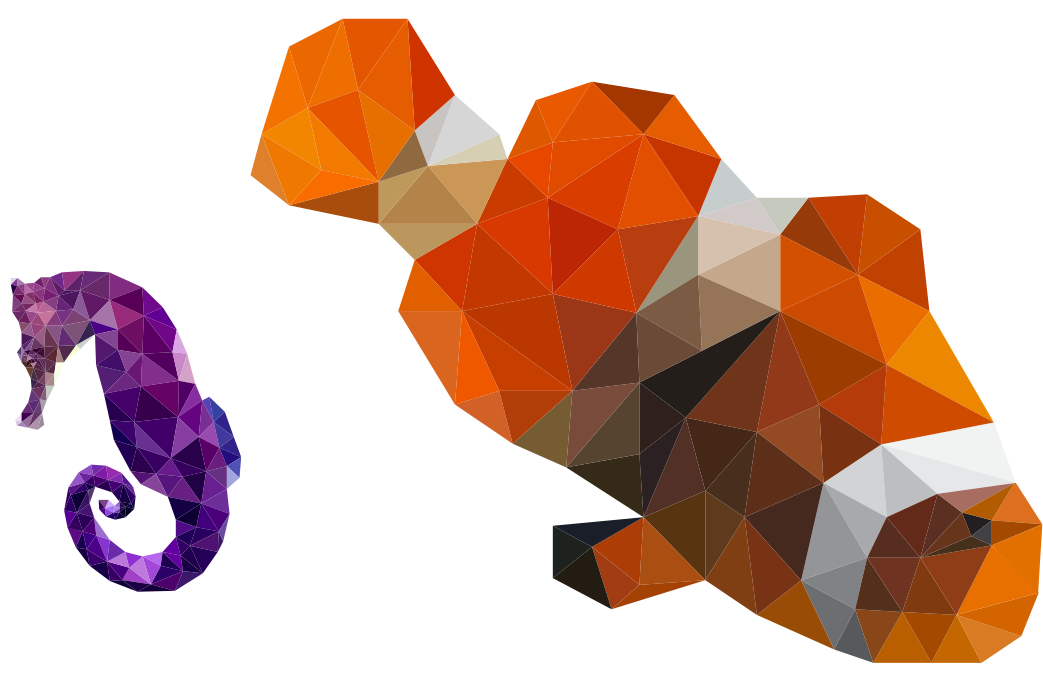
:only-of-type



1 pseudo-
class

0-1-0

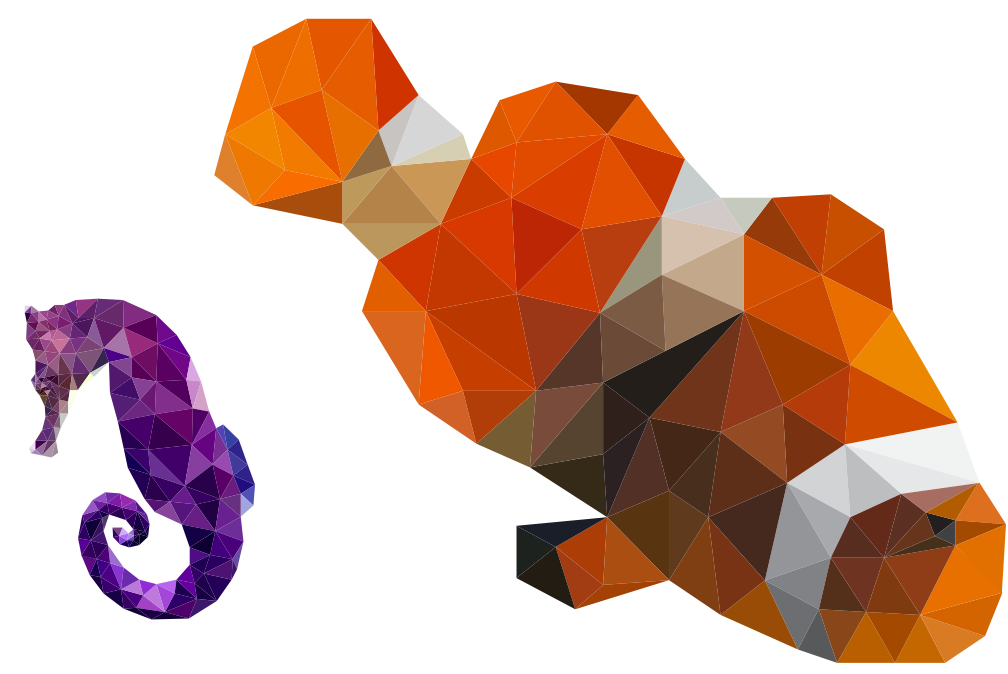
li.my-class



1 element,
1 class

0-1-1

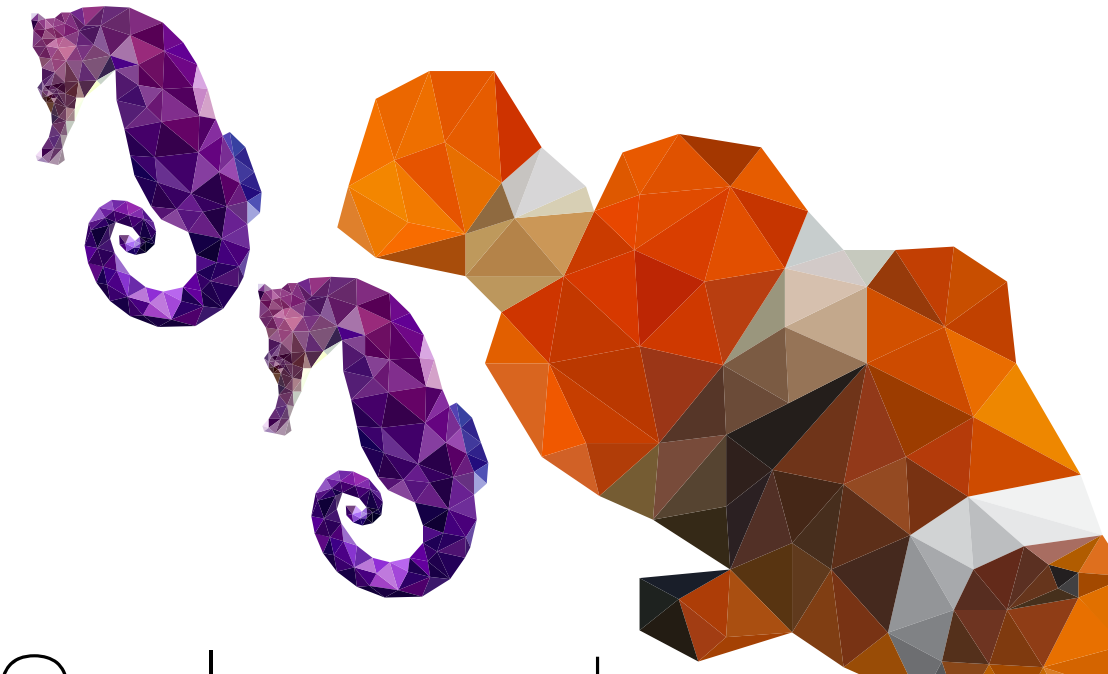
li[attr]



1 element,
1 attribute

0-1-1

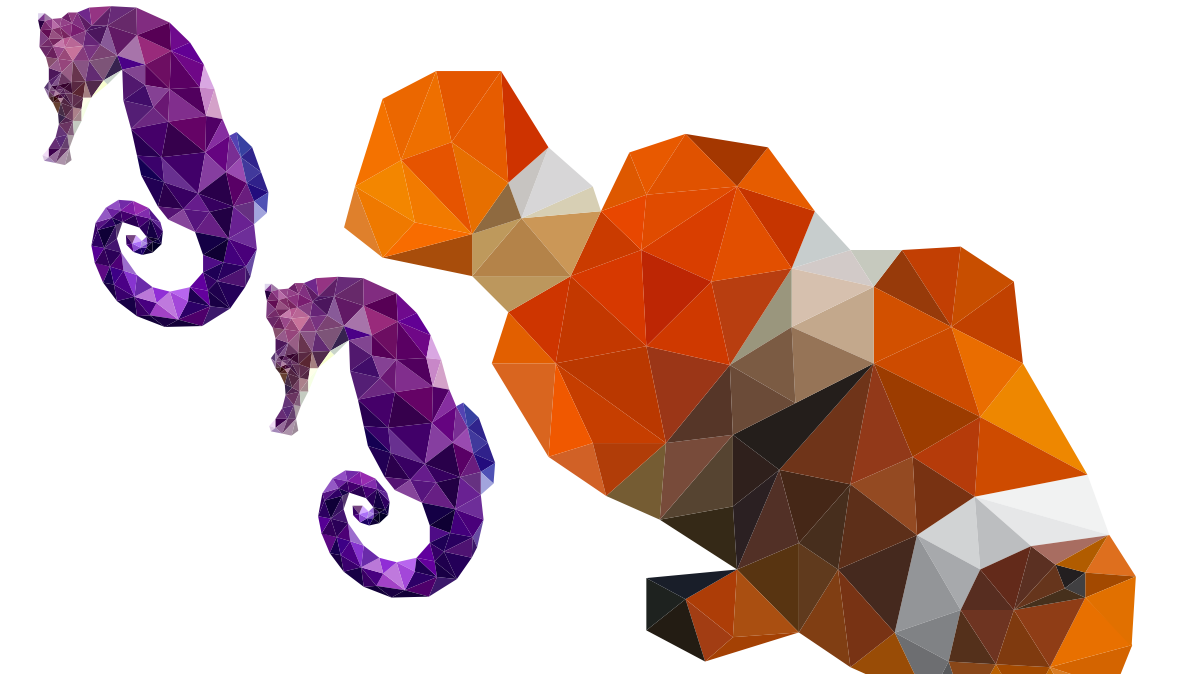
li:nth-of-type(3n) ~ li



2 elements,
1 pseudo-
class

0-1-2

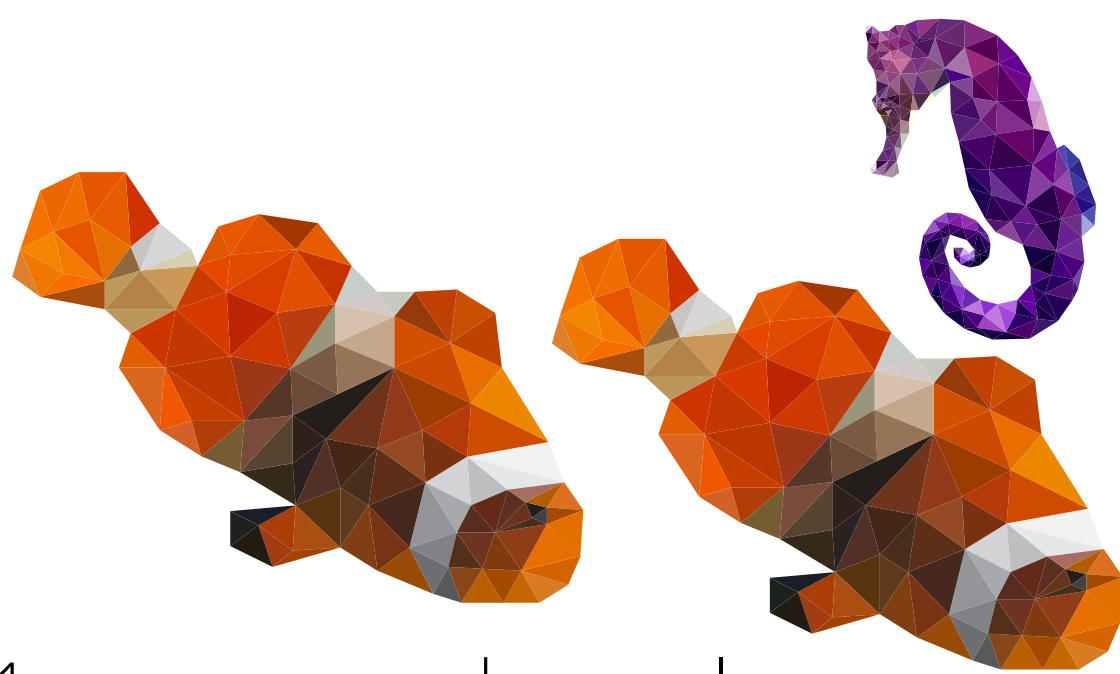
form input[type=email]



2 elements,
1 attribute

0-1-2

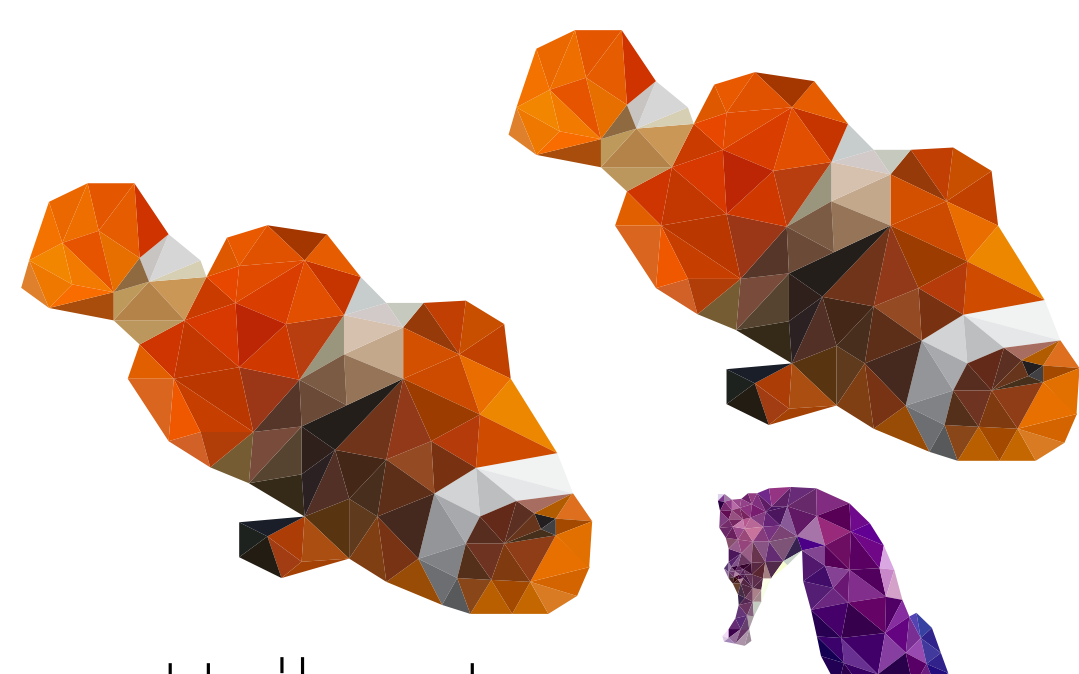
li.class:nth-of-type(3n)



1 pseudo-class,
1 element,
1 class

0-2-1

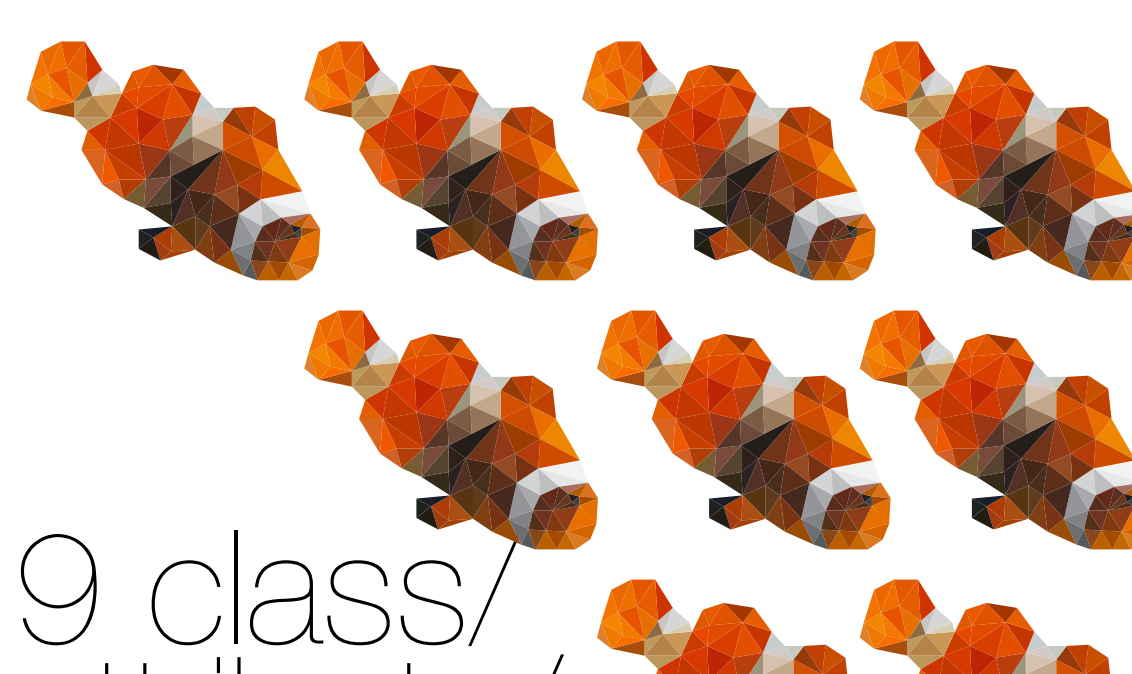
input[type]:not(.class)



1 attribute,
1 element,
1 class

0-2-1

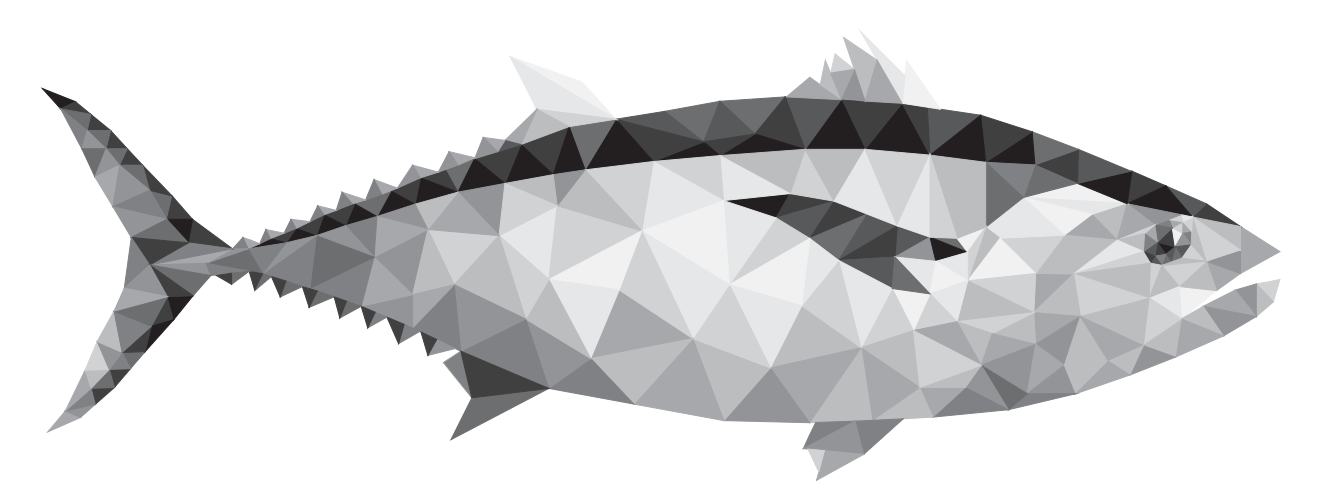
cl:nth-child(odd) .chk[type] ...



9 class/
attribute/
pseudo-
classes

0-9-0

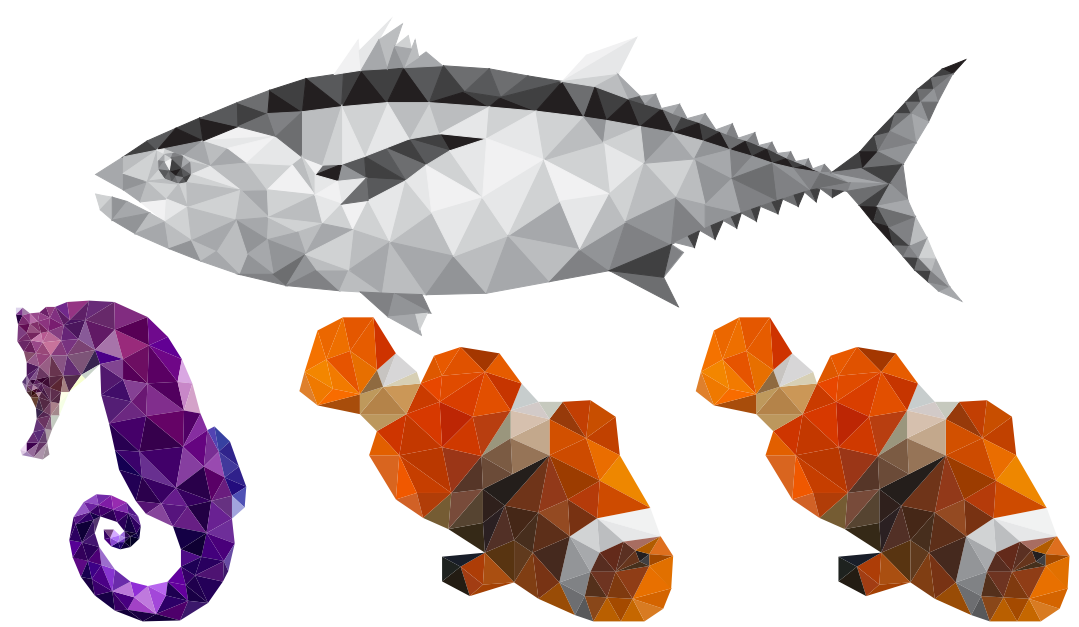
#my-div-id



Id
Selector

1-0-0

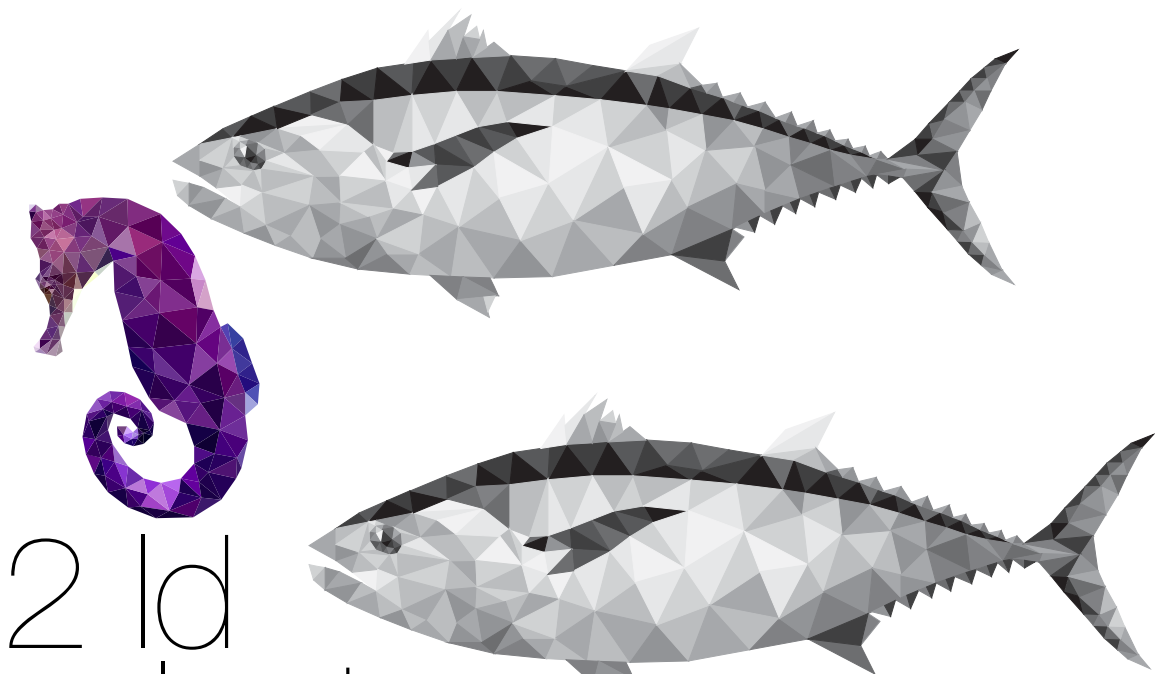
#my-div-id li.class a[href]



2 class/attributes,
1 Id selector,
2 types

1-2-2

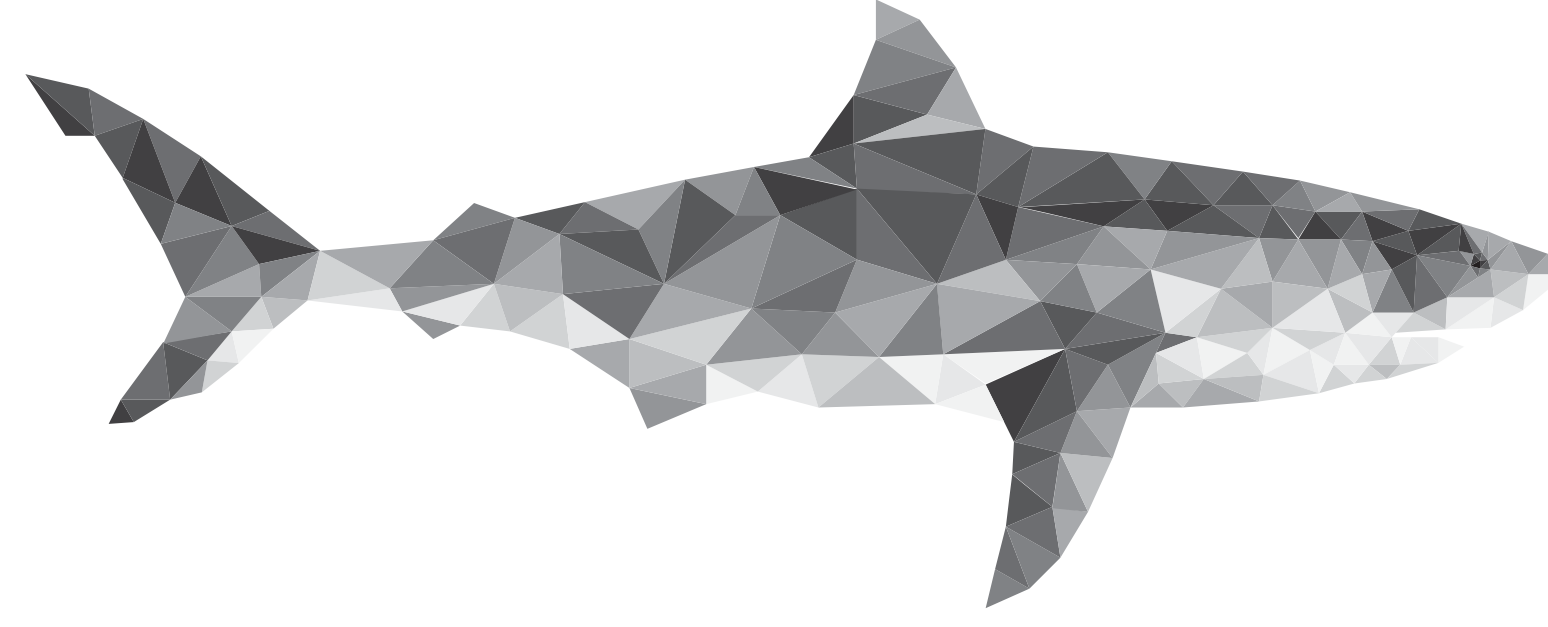
a #my-div-id #an-id



2 Id
selectors,
1 type
selector

2-0-1

style=""



inline
style

1-0-0-0

!important



1-0-0-0

X-0-0: Number of Id Selectors

0-Y-0: Number of Pseudo-class, Class, and Attribute Selectors

0-0-Z: Number of Type Selectors and Pseudo-elements

*, +, >, ~: Universal Selector and Combinators do not increase Specificity

:not(x): Negation Selector has no value, but Arguments do increase Specificity

Sources:

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Julia Dreams • creativemarket.com/juliabrmv/49296-Fish-marine-animals

Clip Artsy • cliptartsy.com/AhN/Explosion.svg

Mozilla Contributors • developer.mozilla.org/en-US/docs/Web/CSS/Specificity