```
  |> hash_input
  |> pick_color
end

def pick_color(image) do
  %Identicon.Image{hex: [r, g, b | _tail]} = image

  [r, g, b]
end

def hash_input(input) do
  hex = :crypto.hash(:md5, input)
  |> :binary.bin_to_list

  %Identicon.Image{hex: hex}
end
```

```
defstruct hex: nil
nd
```

```
 defstruct hex: nil, color: nil
nd
```

```
  |> hash_input
  |> pick_color
end

def pick_color(image) do
  %Identicon.Image{hex: [r, g, b | _tail]} = image

  |
end

def hash_input(input) do
  hex = :crypto.hash(:md5, input)
  |> :binary.bin_to_list

  %Identicon.Image{hex: hex}
end
```

```
    |> hash_input
    |> pick_color
  end

  def pick_color(image) do
    %Identicon.Image{hex: [r, g, b | _tail]} = image

    %Identicon.Image{image | color: {r, g, b}}
  end

  def hash_input(input) do
    hex = :crypto.hash(:md5, input)
    |> :binary.bin_to_list

    %Identicon.Image{hex: hex}
  end
end
```

```
ling 2 files (.ex)

)> Identicon.main("asdf")
ticon.Image{color: {145, 46, 200},
 [145, 46, 200, 3, 178, 206, 73, 228, 165, 65, 6, 141

 181, 112]}
)>
```

```
  |> hash_input
  |> pick_color
end

def pick_color(image) do
  %Identicon.Image{hex: [r, g, b | _tail]} = image

  %Identicon.Image{image | color: {r, g, b}}
end

def hash_input(input) do
  hex = :crypto.hash(:md5, input)
  |> :binary.bin_to_list

  %Identicon.Image{hex: hex}
end
```

```
    |> hash_input
    |> pick_color
  end

  def pick_color(%Identicon.Image{hex: [r, g, b | _tail]} = image) do
    %Identicon.Image{image | color: {r, g, b}}
  end

  def hash_input(input) do
    hex = :crypto.hash(:md5, input)
    |> :binary.bin_to_list

    %Identicon.Image{hex: hex}
  end
end
```

```
)> Identicon.main("asdf")
ticon.Image{color: {145, 46, 200},
 [145, 46, 200, 3, 178, 206, 73, 228, 165, 65, 6, 141

 181, 112]}
)> recompile
ling 1 file (.ex)

)> Identicon.main("asdf")
ticon.Image{color: {145, 46, 200},
 [145, 46, 200, 3, 178, 206, 73, 228, 165, 65, 6, 141

 181, 112]}
```

```
end

def pick_color(%Identicon.Image{hex: [r, g, b | _tail]} = image) do
  %Identicon.Image{image | color: {r, g, b}}
end

pick_color: function(image) {
  image.color = {
    r: image.hex[0],
    g: image.hex[1],
    b: image.hex[2]
  };

  return image
}
```

```
  end

  def pick_color(%Identicon.Image{hex: [r, g, b | _tail]} = image) do
    %Identicon.Image{image | color: {r, g, b}}
  end

  def hash_input(input) do
    hex = :crypto.hash(:md5, input)
    |> :binary.bin_to_list

    %Identicon.Image{hex: hex}
  end
end
```