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| http://GITHUB.COM/SZOgYENYID |
| FaceColtor |
| Experimental method of face recognition |
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| This document contains the theoretical basics of the „Coltor” and „FaceColtor” expressions. Further C or C++ implementation may be added in the future. |

# About Coltors

The word **coltor** is a portmanteau of **colored vector**. It is basically geometrical vector with the color attribute as an extension. So a coltor can be described with three data: value, phase, and color. For the ease of calculations, I will use complex numbers for two dimensional vectors.

*For example, a coltor looks like this: [73.8\*ei\*0.7759;2F5B78]. It’s a colored vector with the length of 73.8, a phase of 0.7759 radians, and with a deep-blue color.*