Renaissance  
   
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The Renaissance (UK: rin-AY-s■nss, US: REN-■-sahnss) is a period of history and a European  
cultural movement covering the 15th and 16th centuries. It marked the transition from the Middle Ages  
to modernity and was characterized by an effort to revive and surpass the ideas and achievements of  
classical antiquity. Associated with great social change in most fields and disciplines, including art,  
architecture, politics, literature, exploration and science, the Renaissance

## Wikipedia Excerpt: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.