China  
   
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China, officially the People's Republic of China (PRC), is a country in East Asia. With a population  
exceeding 1.4 billion, it is the second-most populous country after India, representing 17.4% of the  
world population. China is vast; it borders fourteen countries by land across an area of nearly 9.6  
million square kilometers (3,700,000 sq mi), making it the third-largest country by land area. The  
country is divided into 33 province-level divisions: 22 provinces, 5 autonomous regio

## 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.