Sahara  
   
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The Sahara (, ) is a desert spanning across North Africa. With an area of 9,200,000 square kilometres  
(3,600,000 sq mi), it is the largest hot desert in the world and the third-largest desert overall, smaller  
only than the deserts of Antarctica and the northern Arctic. The name "Sahara" is derived from Arabic:  
■■■■■■■■, romanized: ■a■■r■ /s■a■a■ra■/, a broken plural form of ■a■r■' (■■■■■■■■  
/s■a■ra■■/), meaning "desert". The desert covers much of North Africa, excluding the ferti

## 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.