

# Overview

This presentation provides an overview of how to use the `princeton` beamer theme. It also serves as a unit test for developing further extensions to this package.

- ▶ Introduction to the `princeton` theme structure
- ▶ Demonstration of available layout and style options
- ▶ Guidance for slide layouts
- ▶ Validation of functionality through example slides

# Example Slide

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How a slide could look like with the `princeton beamer` theme

This is a generic slide with some text to show how a potential slide could look like.

## Block Info

Block elements are useful to show constraint information on a topic.  
The template supports **block**, **exampleblock** and **alertblock**.

## Exampleblock

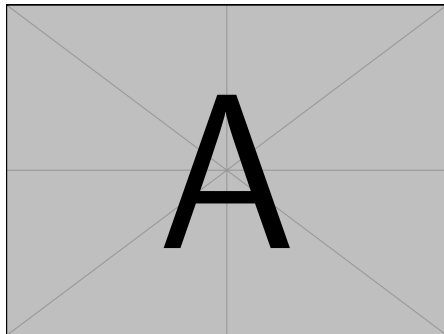
Blocks can also have items or any other latex environment

- ▶ itemize
- ▶ enumerate
- ▶ description

## Alertblock

To highlight important content use the **alert** command instead of **textbf**!

$$G_M(\overset{\text{vertices}}{\downarrow} V_M, \overset{\text{edges}}{\downarrow} E_M)$$



# Example Slide

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Two columns, with 50/50 split including images

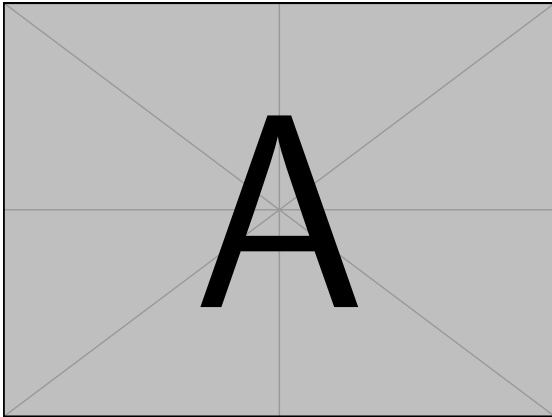


Image A

Something about **Image A**

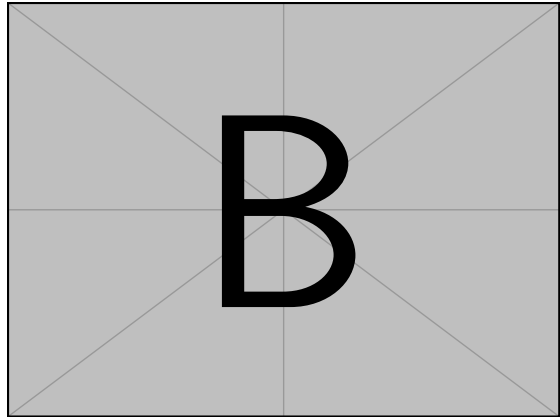


Image B

Something about **Image B**

Add references, images sources or other secondary information into the footer!

# The iframe Environment

## Example

```
% \begin{iframe}<beamer>[t]{The iframe Environment}[image=test169.jpg,opacity=.2]  
%   Content of the slide  
% \end{iframe}
```

# The iframe Environment

## Example

```
% \begin{iframe}[t]{The iframe Environment}[image=test169.jpg,opacity=.2,xshift=-8cm]
%   Content of the slide
% \end{iframe}
```

## Available color options

The princeton beamer theme provides various color options starting with the command `princeton@color@`. The following color options are available:

### Default Colors

- ▶ `princeton@color@red`
- ▶ `princeton@color@orange`
- ▶ `princeton@color@yellow`
- ▶ `princeton@color@green`
- ▶ `princeton@color@tuques`
- ▶ `princeton@color@blue`
- ▶ `princeton@color@mediumgray`
- ▶ `princeton@color@gray`
- ▶ `princeton@color@black`
- ▶ `princeton@color@dimgray`
- ▶ `princeton@color@white`

### Viridis Color Palette

- ▶ `princeton@color@viridis@1`
- ▶ `princeton@color@viridis@2`
- ▶ `princeton@color@viridis@3`
- ▶ `princeton@color@viridis@4`
- ▶ `princeton@color@viridis@5`
- ▶ `princeton@color@viridis@6`
- ▶ `princeton@color@viridis@7`
- ▶ `princeton@color@viridis@8`
- ▶ `princeton@color@viridis@9`

### Monochrome Color Palette

- ▶ `princeton@color@mono@1`
- ▶ `princeton@color@mono@2`
- ▶ `princeton@color@mono@3`
- ▶ `princeton@color@mono@4`
- ▶ `princeton@color@mono@5`
- ▶ `princeton@color@mono@6`
- ▶ `princeton@color@mono@7`
- ▶ `princeton@color@mono@8`
- ▶ `princeton@color@mono@9`

## Color Themes

The princeton beamer theme currently supports three different color themes default, viridis and monochrome. Default colors and color palettes will change accordingly!

### Example

```
\usetheme[  
% style=viridis ,  
% style=monochrome,  
style=default ,  
{princeton}
```

### Default Colors

- ▶ princeton@color@first
- ▶ princeton@color@second
- ▶ princeton@color@third
- ▶ princeton@color@fourth
- ▶ princeton@color@fifth

### Color Palette

- ▶ princeton@color@1
- ▶ princeton@color@2
- ▶ princeton@color@3
- ▶ princeton@color@4
- ▶ princeton@color@5
- ▶ princeton@color@6
- ▶ princeton@color@7
- ▶ princeton@color@8
- ▶ princeton@color@9



# Environments

## Blocks, Theorems, Proofs and other Environments

### block with variable title

This is an **example text**.

### alertblock with variable title

This is an **example text**.

### exampleblock with variable title

This is an **example text**.

### Definition

This is an **example text**.

### Lemma

*This is an **example text**.*

### Theorem

*This is an **example text**.*

### Corollary

*This is an **example text**.*

### Proof.

This is an **example text**.

