







Complete Guide: Customize Lock Screen Background on Linux Mint XFCE



How to resolve lock screen conflicts and set your custom image



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The Problem

On Linux Mint XFCE, it's common to have **conflicts between multiple lock screens** that cause:

-  Black backgrounds
-  Duplicate lock screens

-  Inability to customize the background
-  Service errors

Typical symptoms:

```
GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown:  
The name org.freedesktop.ScreenSaver was not  
provided by any .service files
```

Step-by-Step Solution

Step 1: Complete System Cleanup

First, let's remove all existing lock screens and their configuration files:

```
# Remove all lock screen packages  
sudo apt remove --purge light-locker light-locker-settings xfce4-  
  
# Remove residual configuration files  
sudo find /etc -name "*screensaver*" -o -name "*light-locker*" 2>  
sudo find /usr -name "*screensaver*" -o -name "*light-locker*" 2>  
rm -rf ~/.config/autostart/*screensaver* ~/.config/autostart/*lig
```

Step 2: Clean Reinstallation

Reinstall only the necessary components:

```
# Update repositories  
sudo apt update
```

```
# Install light-locker and gnome-screensaver (required for the se
sudo apt install light-locker light-locker-settings gnome-screens
```



Step 3: Image Preparation

Copy your preferred image to a system-accessible location:

```
# Find your image
find /home/$USER -name "*wallpaper*" -o -name "*picture*" 2>/dev/n

# Copy image to system (replace with your image path)
sudo cp "/home/$USER/Pictures/wallpaperflare.com_wallpaper (1).jp
sudo chmod 644 /usr/share/backgrounds/lockscreen.jpg
```



Step 4: XFCE Configuration

Configure XFCE to use light-locker:

```
# Create XFCE configuration
cat > ~/.config/xfce4/xfconf/xfce-perchannel-xml/xfce4-session.xml

<?xml version="1.0" encoding="UTF-8"?>
<channel name="xfce4-session" version="1.0">
  <property name="general" type="empty">
    <property name="LockCommand" type="string" value="light-locke
    <property name="SaveOnExit" type="bool" value="true"/>
  </property>
</channel>
EOF
```

Step 5: Background Configuration

Set your image as the lock screen background:

```
# Configure gsettings to use your image
gsettings set org.gnome.desktop.screensaver picture-uri "file:///
gsettings set org.gnome.desktop.screensaver picture-options "scal
```

Step 6: Test

Test the system:

```
# Test the lock screen
light-locker-command -l
```

Final Configuration

File Structure

```
/usr/share/backgrounds/
├─ lockscreen.jpg          # Your main image
└─ lockscreen-alt.jpg      # Alternative image (optional)

~/.config/xfce4/xfconf/xfce-perchannel-xml/
└─ xfce4-session.xml       # XFCE configuration
```

Useful Commands

```
# Lock screen manually
light-locker-command -l

# Change image (replace with path to new image)
sudo cp "/path/to/new/image.jpg" /usr/share/backgrounds/lockscreen.
gsettings set org.gnome.desktop.screensaver picture-uri "file:///us

# Check lock screen status
ps aux | grep light-locker
```

Automatic Script

To automate the process, use the included `set-lockscreen.sh` script:

```
# Make script executable
chmod +x set-lockscreen.sh

# Run the script
./set-lockscreen.sh
```

The script:

- 🔍 Automatically finds images in the same folder
- 📋 Lets you choose between available images
- ⚙️ Automatically configures the lock screen
- 🔒 Handles permissions and configurations

Troubleshooting

Problem: "ServiceUnknown" Error

Cause: Missing gnome-screensaver service

Solution:

```
sudo apt install gnome-screensaver -y
```

Problem: Black Background

Cause: Image not accessible or wrong permissions

Solution:

```
# Verify image exists
ls -la /usr/share/backgrounds/lockscreen.jpg

# Fix permissions
sudo chmod 644 /usr/share/backgrounds/lockscreen.jpg

# Reset gsettings
gsettings set org.gnome.desktop.screensaver picture-uri "file:///u
```

Problem: Duplicate Lock Screens

Cause: Residual configuration files





Solution:

```
# Remove all autostart files
rm -f ~/.config/autostart/*lock* ~/.config/autostart/*screensaver*





# Restart session
sudo reboot
```

Conclusions




With this guide you have:

-  **Resolved** lock screen conflicts
-  **Configured** light-locker as main system
-  **Set** your custom image
-  **Created** a stable and functional system

Solution Benefits

-  **Clean system:** No conflicts between lock screens
-  **Customizable:** Easy to change image
-  **Stable:** Standard XFCE configuration
-  **Maintainable:** Easy to update and modify

Next Steps

1.  **Further customization:** Use "Light Locker Settings" for other options
2.  **Backup:** Save configuration for future updates
3.  **Explore:** Try other images for the lock screen

Additional Resources

- [Official XFCE Documentation](#)
- [Linux Mint Community](#)
- [Light Locker GitHub](#)

Guide created to solve lock screen issues on Linux Mint XFCE.

Tested and working!

Enjoy your personalized lock screen!  