

MARCH 25, 2025

# FORENSIC IMAGE ANALYSIS REPORT

URL: [HTTPS://KUKU.PK/SHOP/CO-ORDS/MUSE-GREEN-LINEN-CO-ORD/#&gid=1&pid=3](https://kuku.pk/shop/co-ords/muse-green-linen-co-ord/#&gid=1&pid=3)

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# Forensic Image Analysis Report

**Case Reference:** Digital Forensic Examination of Image File

**Date of Analysis:** March 25, 2025

**Analyst:** Syed Zain Ul Hasan Naqvi

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**URL:**

<https://kuku.pk/shop/co-ords/muse-green-linen-co-ord/#&gid=1&pid=3>

# Executive Summary

This report analyzes the metadata of an image file to provide insights into its **origin, editing history, and potential modifications**.

## Key Findings:

- The image was **edited in Adobe Photoshop** before being converted to JPEG.
- Multiple **versions of the image exist**, suggesting modifications over time.
- The file was **last accessed and modified on March 25, 2025**, which may indicate recent use or distribution.
- The presence of **embedded thumbnail data** suggests that **previous versions** of the image may still be recoverable.

## Who Should Care?

- **C-Suite Executives** – Understand **how images are created, modified, and potentially misused** in branding, marketing, or digital assets.
- **Digital Creators** – Track **editing history, verify authenticity, and prevent copyright disputes**.

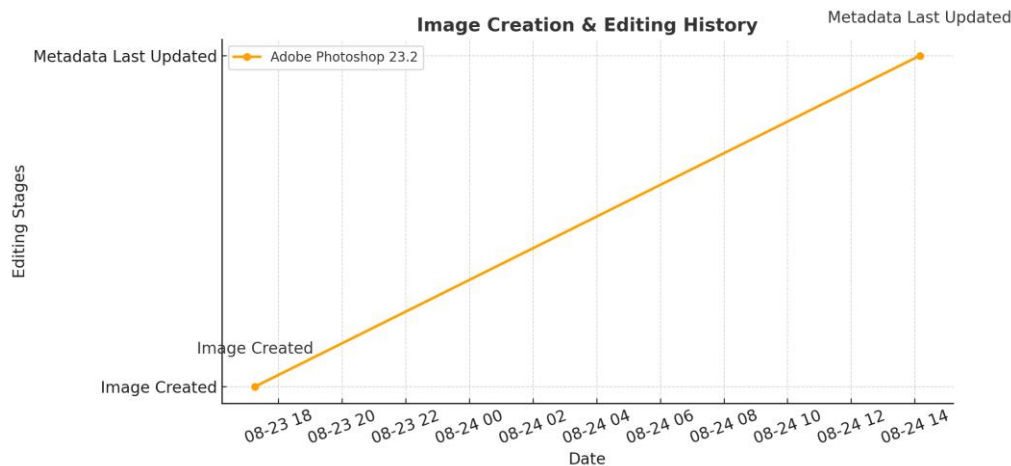
# Image Information

Attribute	Details
File Name	01-18.jpg
File Type	JPEG (image/jpeg)
File Size	191 KB (195,409 bytes)
Image Dimensions	1200 x 1600 pixels (1.9 MP)
Color Mode	RGB (YCbCr Transformation)
Software Used	Adobe Photoshop 23.2 (Windows)
Compression Type	JPEG (Baseline DCT, Huffman coding)

**Takeaway:** This image was processed using Adobe Photoshop and **exported as a JPEG**, which may have altered its **original quality and metadata**.

# Image Creation & Editing History

Event	Date & Time	Software Used
Image Created	August 23, 2024, 17:16 (GMT+5)	Adobe Photoshop 23.2
Last Metadata Update	August 24, 2024, 14:09 (GMT+5)	Adobe Photoshop 23.2
File Last Accessed	March 25, 2025, 16:15 (GMT+1)	Unknown
File Last Modified	March 25, 2025, 16:15 (GMT+1)	Unknown



(Line Chart) – Shows when the image was created and modified

## What This Means:

- The image was **created and edited using Photoshop**, indicating **possible modifications** before its final version.
- **Recent access on March 25, 2025**, could mean the image was **used, shared, or repurposed** recently.
- **Multiple timestamps** suggest that the image has been **saved and edited multiple times**, rather than being an untouched, original file. Also due to it being saved from [website](#).

## Image Editing & Modification Trail

### Editing & Conversion History:

- **Original Document ID:** xmp.did:a97c3d5e-b88a-d840-a1fa-130bc8782c61 (First Photoshop Save)
- **Editing Actions:** Created → Saved → Converted → Derived → Saved
- **Conversion Details:** Converted from Adobe Photoshop format to JPEG

## What This Tells Us:

- The image was **edited, resaved, and converted** multiple times, which means it has **changed from its original form**.
- **Photoshop editing trail confirms** that the image may have undergone **modifications like color adjustments, cropping, or retouching** before export.
- The **JPEG format suggests compression**, which may have resulted in a **loss of some image quality and metadata**.

**For Digital Creators:** Always save a **high-resolution, lossless file (e.g., PNG, TIFF)** before converting it to JPEG for web or social media use.

## Security & Access Information

Attribute	Details
File Permissions	Read & Write Access (prw-----)
File Access Date	March 25, 2025, 16:15 (GMT+1)
File Modification Date	March 25, 2025, 16:15 (GMT+1)
Encoding Process	Baseline DCT, Huffman Coding
Color Space	Uncalibrated (YCbCr 4:4:4 subsampling)

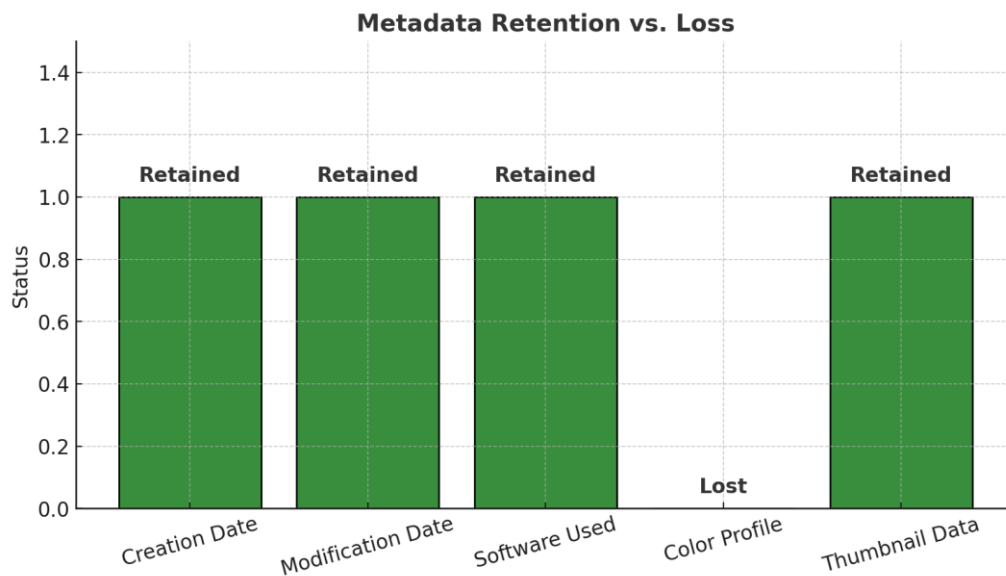
## Why This Matters:

- **Recent file access and modification** suggest that the image **may have been used, edited, or transferred recently**.
- **File permissions allow editing**, which means it could be altered again if proper security measures are not in place.
- **Embedded metadata still exists**, meaning older versions **may be recoverable** even if the file has been saved multiple times

**For C-Suite Executives:** If image authenticity is crucial (e.g., brand assets, legal evidence, NFT creation), consider **digital watermarking or blockchain-based tracking**.

# Potential Anomalies & Risks

Issue	Description	Impact
Multiple Photoshop Saves	Image has been edited, saved, and converted multiple times.	Potential for manipulation.
Uncalibrated Color Space	Image color profile is uncalibrated.	Loss of original metadata.
Recent Modification Date	File was accessed and modified on March 25, 2025.	May indicate recent use or distribution.
Embedded Thumbnail Data	Thumbnail still present in metadata.	Old versions might be recoverable.



*(Bar Chart) – Displays which metadata elements are retained or lost after conversion.*

## Final Notes:

- The image is **not in its original state** and has **gone through multiple edits and conversions**.
- **Metadata reveals a clear editing trail**, making it possible to **track modifications**.
- If authenticity is a concern, forensic tools can **recover previous versions** from thumbnail data.

# Recommendations & Next Steps

## For Digital Creators:

- **Save original, high-quality versions** before exporting JPEGs.
- **Use metadata cleanup tools** to remove editing history before publishing.
- Consider **digital signatures or watermarks** to protect ownership.

## For C-Suite Executives & Businesses:

- Implement **image tracking solutions** to prevent unauthorized modifications.
- Use **forensic verification** for legal or brand-sensitive images.
- Educate teams on **metadata privacy** when sharing corporate images online.

If this image is part of an investigation or legal case, deeper forensic analysis can reveal hidden layers, timestamps, and previous versions.

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## Final Thoughts

This report provides a **clear, structured view of the image's history and authenticity** for both **C-Suite Executives and Digital Creators**. By understanding **how metadata tracks images**, you can **protect creative assets, verify authenticity, and prevent misuse**.

Need further investigation or metadata verification? Let's [connect](#).