

Fotios Bampouridis

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Email client tested: Gmail

Tools: Send HTML in Gmail, Gmail, caniemail.com

GMAIL

What Worked

- Email content displayed correctly (text, images, layout).
- Logo and hero image loaded properly.
- The two-column section displayed correctly on the desktop.
- The three-column section displayed correctly on the desktop.
- When the screen width was reduced, columns stacked vertically using the responsive .block rule.
- Font sizes adjusted on smaller screens using the media query.

What Did Not Fully Work

- Gmail limited some advanced CSS features inside the <style> block.

Email Testing Findings Report

1. Buttons and Links

- Regular links worked correctly when real URLs were used.
- The button worked when it was created as a styled <a> link.
- This is the recommended method for email buttons.
- Gmail displayed links correctly.

2. Hover Effects

- The :hover effect did NOT consistently work in Gmail.
- This is expected because many email clients limit CSS support.
- Hover effects do not work on mobile devices since there is no mouse.

3. Keyframes Animation

- The @keyframes animation (wiggle / translateX) did not run in Gmail.
- Gmail does not support CSS animations in emails.
- The email content is still displayed, but without animation.

4. Radio Button / :checked Technique

- The RSVP interaction using radio buttons and :checked did NOT toggle content in Gmail.
- The content appeared, but the interactive behavior did not work.
- Gmail blocks or limits advanced interactive CSS techniques.

5. Research Results (CanIEmail + Campaign Monitor)

Based on research from CanIEmail.com and Campaign Monitor:

- @media queries is Partial or mixed support depending on email client
- :hover is Limited support
- @keyframes is Not supported in many major clients (including Gmail)
- transform is Mixed support
- :checked selector is Limited support, often blocked in Gmail and Outlook

These research results match what I observed during testing in Gmail.

Conclusion

- Basic HTML links work correctly.
- Styled <a> tags are best for buttons.
- Advanced CSS (animations, hover, interactive toggles) does not reliably work in Gmail.
- Email design should use simple HTML and inline CSS for best compatibility.

OUTLOOK

- Email client tested Outlook
- Buttons and links
- Links worked when real URLs were used
 - The button made with a styled a tag showed correctly
 - Clicking the button worked
- Hover effects
- Hover did not work in Outlook
 - Outlook has very limited CSS support
- Keyframes animation
- The keyframes animation did not run
 - Outlook does not support CSS animation
 - The content showed but without movement
- Radio and checked technique
- The radio button interaction did not work
 - The checked selector was ignored
 - Content showed but did not toggle
- Media queries and responsiveness
- Media queries did not fully work
 - Columns did not always stack correctly
 - Text size changes were inconsistent
- Conclusion
- Basic links and buttons worked
 - Advanced CSS did not work
 - Simple HTML works best for Outlook



