



1. List 10 commonly used applications of QR codes in daily life

- **Payment Apps:** QR codes are used for making mobile payments. Popular examples include apps like Alipay and WeChat Pay, where users scan QR codes to transfer money or pay for goods and services.
- **Product Information:** Many products come with QR codes that, when scanned, lead consumers to websites with detailed information about the product, such as its specifications, usage instructions, and customer reviews.
- **Ticketing:** QR codes are commonly used for electronic ticketing, whether for movies, concerts, flights, trains, or events. Scanning the code grants access without the need for physical tickets.
- **Digital Coupons and Discounts:** QR codes are used to provide digital coupons, discounts, and promotional offers. Customers can scan the code at the point of sale to apply the discount.
- **Authentication and Login:** Two-factor authentication (2FA) often employs QR codes. When logging into a service on a new device, a QR code is displayed, and users scan it with an authenticator app to complete the login process securely.
- **WiFi Access:** Businesses and public places often display QR codes that, when scanned, automatically connect users to the establishment's WiFi network without needing to enter a password.

- **Business Cards:** QR codes on business cards can hold contact information. Scanning the code imports the details directly into the recipient's address book.
- **Healthcare:** In the medical field, QR codes are used to store patient information, medication details, and medical history. Healthcare professionals can scan these codes for quick access to important data.
- **Navigation:** Some tourist attractions, museums, and public transportation systems use QR codes to provide interactive maps and information for visitors. Scanning the code helps users navigate the area.
- **Real Estate:** QR codes on real estate signs or listings provide more information about properties for sale or rent. Scanning the code leads to virtual tours, photos, and details about the property.

2. Find a free QR code generation site and generate a QR code containing your name, phone number and email as a QR v-card.

- **Open the Website:** Open your preferred web browser and go to the QRStuff website: <https://www.qrstuff.com/>
- **Select Data Type:** On the QRStuff homepage, you'll see various data types you can encode. Since you want to create a vCard QR code, scroll down and find the "vCard Business Card" option. Click on it.
- **Fill in Your Details:** A form will appear where you can enter your contact details. Here's how you can fill it out:

- First Name: Your First Name
 - Last Name: Your Last Name
 - Mobile Number: Your Phone Number
 - Email Address: Your Email Address
 - Generate QR Code: After filling in your details, click the "Download QR Code" button. The website will generate a QR code containing your provided contact information.
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- Download and Save: Once the QR code is generated, you'll likely be prompted to download the image. Save the QR code image to your computer or device.
 - Test the QR Code: To make sure the QR code works as intended, you can use your smartphone's camera or a QR code scanner app to scan the generated QR code. It should display the contact information you entered in a structured format.
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3. Install a QR reader in your mobile, scan few QR codes and check what's in it.
 4. Go to web.whatsapp.com and connect to the web version of your WhatsApp. Learn and explain how QR code is used in WhatsApp web to securely connect your mobile to web version of WhatsApp.