

# SVG Tooltip in React

tool tip svg react

Creating a tooltip in React using SVG can add a custom, interactive look to your tooltips. Here's a basic example using React with SVG for a simple tooltip component. This example uses inline SVG and CSS for styling.

## 1. Create a Tooltip Component with SVG

javascript

```
import React, { useState } from 'react';

const Tooltip = ({ children, text }) => {
  const [isHovered, setIsHovered] = useState(false);

  return (
    <div
      onMouseEnter={() => setIsHovered(true)}
      onMouseLeave={() => setIsHovered(false)}
      style={{ position: 'relative', display: 'inline-block' }}
    >
      {children}

      {isHovered && (
        <svg
          width="120"
          height="60"
          viewBox="0 0 120 60"
          style={{
            position: 'absolute',
            bottom: '125%', // Adjust position as needed
            left: '50%',
            transform: 'translateX(-50%)',
            zIndex: 10,
          }}
        >
          <polygon points="10,50 60,10 110,50" fill="#333" />
          <rect x="0" y="20" width="120" height="40" fill="#333" />
          <text
            x="50%"
```

```

        y="45"
        fill="white"
        textAnchor="middle"
        fontSize="14"
        fontFamily="Arial, sans-serif"
      >
        {text}
      </text>
    </svg>
  )}
</div>
);
};

export default Tooltip;

```

## 2. Using the Tooltip Component

Wrap any element you want to show a tooltip for in this component:

```

javascript

import React from 'react';
import Tooltip from './Tooltip';

function App() {
  return (
    <div style={{ padding: '50px' }}>
      <Tooltip text="This is an SVG tooltip">
        <button style={{ padding: '10px 20px', fontSize: '16px' }}>Hover me</button>
      </Tooltip>
    </div>
  );
}

export default App;

```

## Explanation

- `<polygon>` and `<rect>` : These SVG elements create the tooltip shape and background. The `polygon` forms a triangle, creating a pointer effect.
- `<text>` : Displays the tooltip text.

- **Positioning:** The tooltip appears above the button and is centered horizontally.

You can adjust the tooltip's size, position, and style by modifying the SVG properties.